

October 8, 2004

State of Utah Division of Oil, Gas & Mining Attn: Diana Whitney 1594 West North Temple - Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill:

Jonah Federal 15-14-9-16 Federal 6-13-9-17
Federal 10-13-9-17
Federal 12-13-9-17
Federal 14-13-9-17
Federal 16-13-9-17

gra Alebeker

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Lana Nebeker Production Clerk

enclosures

RECEIVED

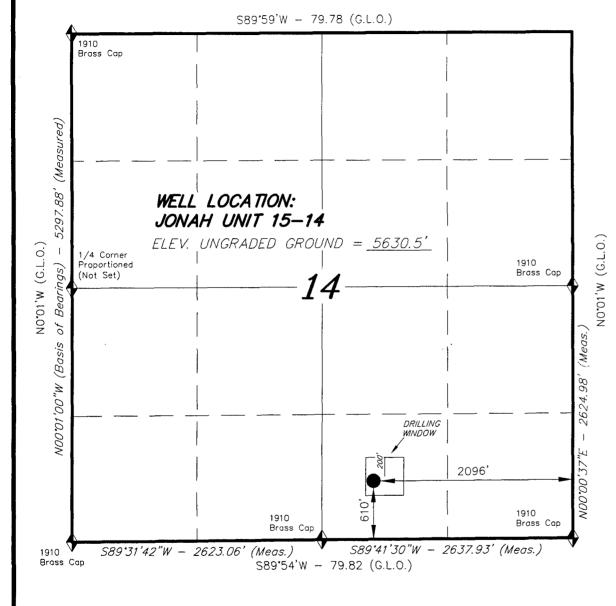
OCT 19 2004

DIV. OF OIL, GAS & MINING

Form 3160-3 (September 2001)			FORM APPRO OMB No. 100 Expires January	4-0136		
UNITED STATES DEPARTMENT OF THE IN	5. Lease Serial No.					
BUREAU OF LAND MANAC			UTU-096547			
APPLICATION FOR PERMIT TO DR	ILL OR REENTER		6. If Indian, Allottee or T	ribe Name		
			N/A			
1a. Type of Work: DRILL REENTER			7. If Unit or CA Agreemen	nt, Name and No.		
	•		JONAH  8. Lease Name and Well N	I.		
1b. Type of Well:	Single Zone  Multi	ple Zone	Jonah Federal 15-			
2. Name of Operator			9. API Well No.			
Newfield Production Company			43-0	13-32689		
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or Expl			
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Monument Butte			
4. Location of Well (Report location clearly and in accordance with a	any State requirements.*)		11. Sec., T., R., M., or Blk.	and Survey or Area		
At surface SW/SE 610' FSL 2096' FEL 578148 X	40.025330		SW/SE Sec. 14, T	0S R16F		
At proposed prod. zone	Y -110.083949		3VV/3L 3ec. 14, 1	30 IVIOL		
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State		
Approximatley 18.5 miles south of Myton, Utah			Duchesne	UT		
15. Distance from proposed* location to nearest property or lease line, ft.	16. No. of Acres in lease	17. Spacing	ng Unit dedicated to this well			
(Also to nearest drig. unit line, if any) Approx. 610' f/lse, 610' f/unit	600.00	20 7714	40 Acres			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  Approx. 1,436'	19. Proposed Depth 5960'	20. BLM/E	I/BIA Bond No. on file  UTU0056			
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	ırt*	23. Estimated duration			
5630.5' GL	1st Quarter 2005		Approximately seven (7) days from spud to rig release.			
	24. Attachments					
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be at	tached to this	s form:			
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	I tem 20 above).  5. Operator certific	ation.	ormation and/or plans as ma			
25. Signature	Name (Printed/Typed) Lana Nebeker	<del></del>	Date	0-18-04		
Title Production Clerk Approved by Standure	Name (Printed/Typed)		! ! Dat	e		
BRADLEY G. HILL 10-20-						
Title	NVIRONMENTAL SCIENTI	ST III	······································			
Application approval does not warrant or certify the the applicant holds le operations thereon.  Conditions of approval, if any, are attached.	egal or equitable title to those rights in	the subject l	lease which would entitle the	applicant to conduct		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to	a crime for any person knowingly are any matter within its jurisdiction.	nd willfully to	o make to any department or	agency of the United		
*(Instructions on reverse)						

Federal Approval of this Action is Necessary RECEIVED OCT 19 2004

### T9S, R16E, S.L.B.&M.





= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

#### INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 15-14, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 14, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



#### TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 8-1-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

#### NEWFIELD PRODUCTION COMPANY JONAH FEDERAL 15-14-9-16 SW/SE SECTION 15, T9S, R16E DUCHESNE COUNTY, UTAH

#### **ONSHORE ORDER NO. 1**

#### **DRILLING PROGRAM**

#### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

#### 2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

 Uinta
 0' – 1640'

 Green River
 2090'

 Wasatch
 5960'

#### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2090' - 5960' - Oil

#### 4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

#### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

#### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

#### 7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

#### 8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

Please refer to the Monument Butte Field SOP.

#### 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

#### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

#### NEWFIELD PRODUCTION COMPANY JONAH FEDERAL #15-14-9-16 SW/SE SECTION 14 T9S, R16E DUCHESNE COUNTY, UTAH

#### ONSHORE ORDER NO. 1

#### MULTI-POINT SURFACE USE & OPERATIONS PLAN

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Jonah Federal #15-14-9-16 located in the W 1/4 SE 1/4 Section 14, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 12.6 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly -2.4 miles  $\pm$  to it's junction with an existing road to the south; proceed in a southeasterly direction and then in a southwesterly direction -1.9 miles  $\pm$  to it's junction with an extisting road to the southwest; proceed in a southwesterly direction -5,055.' to it's junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road -1200' to the proposed well location.

#### 2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

#### 3. <u>LOCATION OF EXISTING WELLS</u>

Refer to Exhibit "B".

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

#### 5. <u>LOCATION AND TYPE OF WATER SUPPLY</u>

Please refer to the Monument Butte Field SOP. See Exhibit "A".

#### 6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

#### 7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

#### 8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

#### 9. <u>WELL SITE LAYOUT</u>

See attached Location Layout Diagram.

#### 10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

#### 11. SURFACE OWNERSHIP - Bureau Of Land Management

#### 11. OTHER ADDITIONAL INFORMATION

12.

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-44, 5/5/03. Paleontological Resource Survey prepared by, Wade E. Miller, 1/8/04. See attached report cover pages, Exhibit "D".

For the Jonah Federal #15-14-9-16 Newfield Production Company requests 1200' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 1200' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 1200' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

#### Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

#### Threatened, Endangered, And Other Sensitive Species

Possible nest site - Dixie Sadler to advise

#### Reserve Pit Liner

A 12 mil liner will be required at the operators own discretion. Please refer to the Monument Butte Field SOP.

#### Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale

Atriplex confertifolia

4 lbs/acre

Green Molly Summer Cyress

Kochia American

4 lbs/acre

Needle & Thread Grass

Stipa Comata

4 lbs/acre

#### **Details of the On-Site Inspection**

The proposed Jonah Federal #15-14-9-16 was on-sited on 5/19/04. The following were present; Brad Mecham (Inland Production), David Gerbig (Inland Production), Byron Tolman (Bureau of Land Management). Weather conditions were clear at 70 degrees.

#### 13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

#### Representative

Name:

Brad Mecham

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

#### Certification

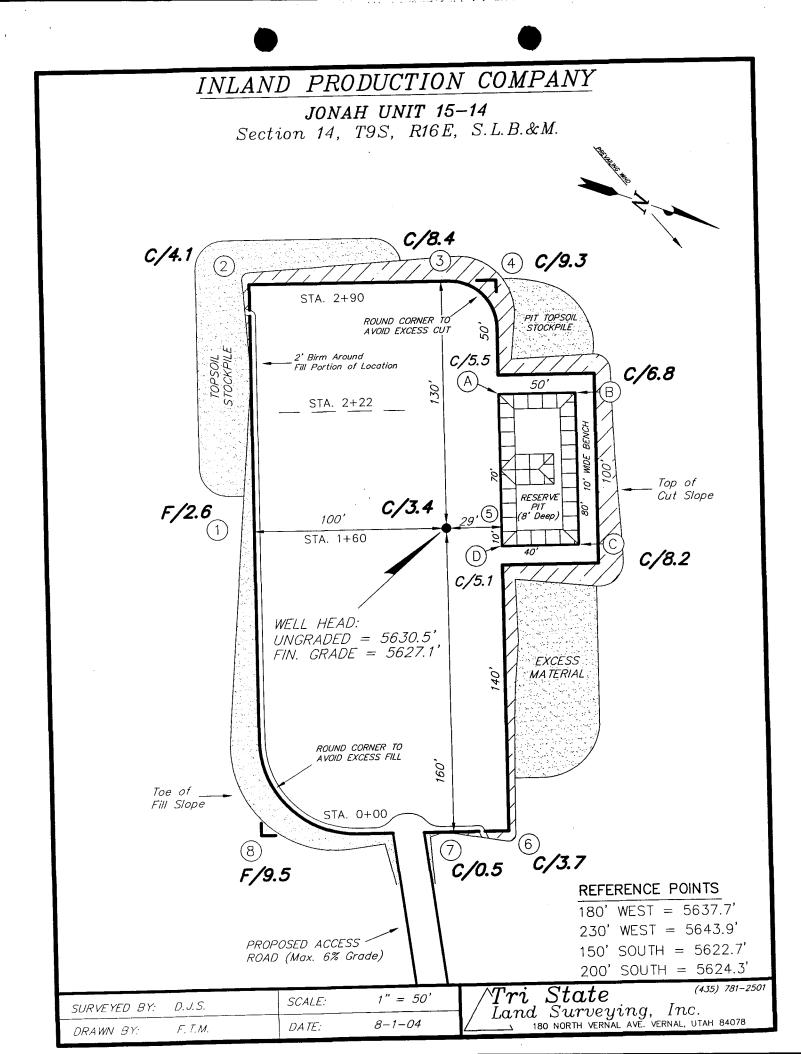
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #15-14-9-16 SW/SE Section 14, Township 9S, Range 16E: Lease UTU-096547 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date

Zana Nebeker Production Clerk

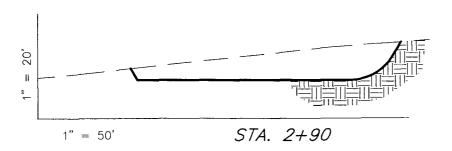
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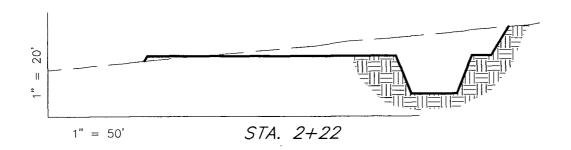


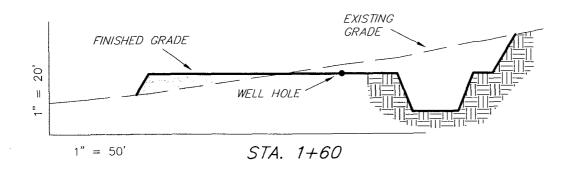
### INLAND PRODUCTION COMPANY

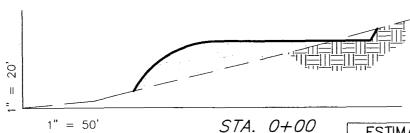
CROSS SECTIONS

### JONAH UNIT 15-14









NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

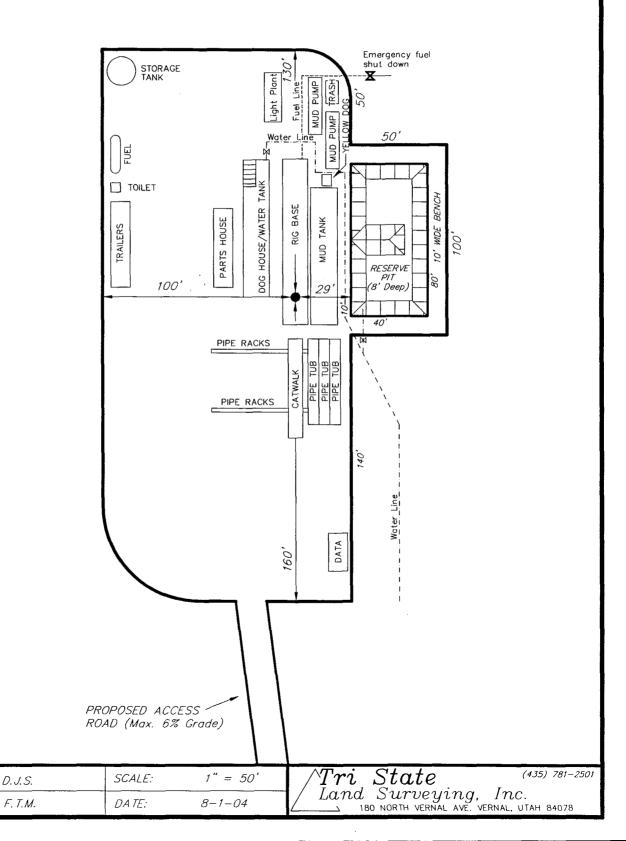
# ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,620	2,620	Topsoil is not included	0
PIT	640	0	in Pad Cut	640
TOTALS	3,260	2,620	790	640

SURVEYED BY:	D. J. S.	SCALE:	1" = 50'	/
DRAWN BY:	F.T.M.	DATE:	8-1-04	$\angle$

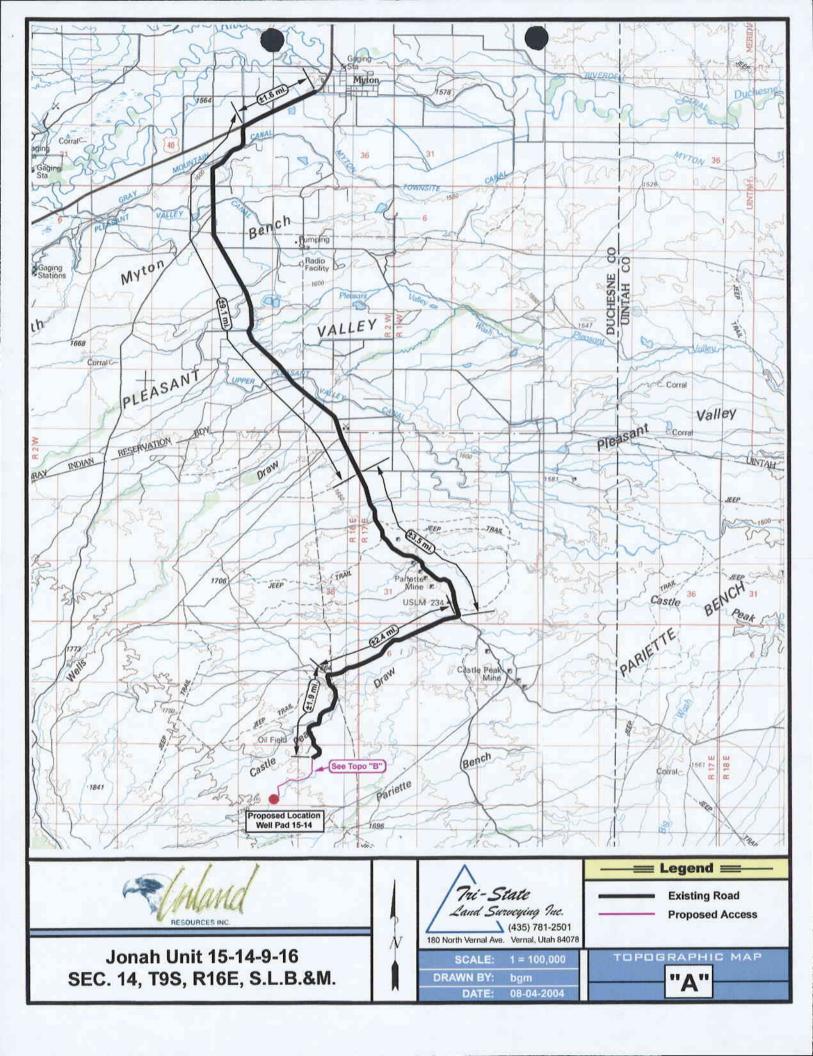
### INLAND PRODUCTION COMPANY

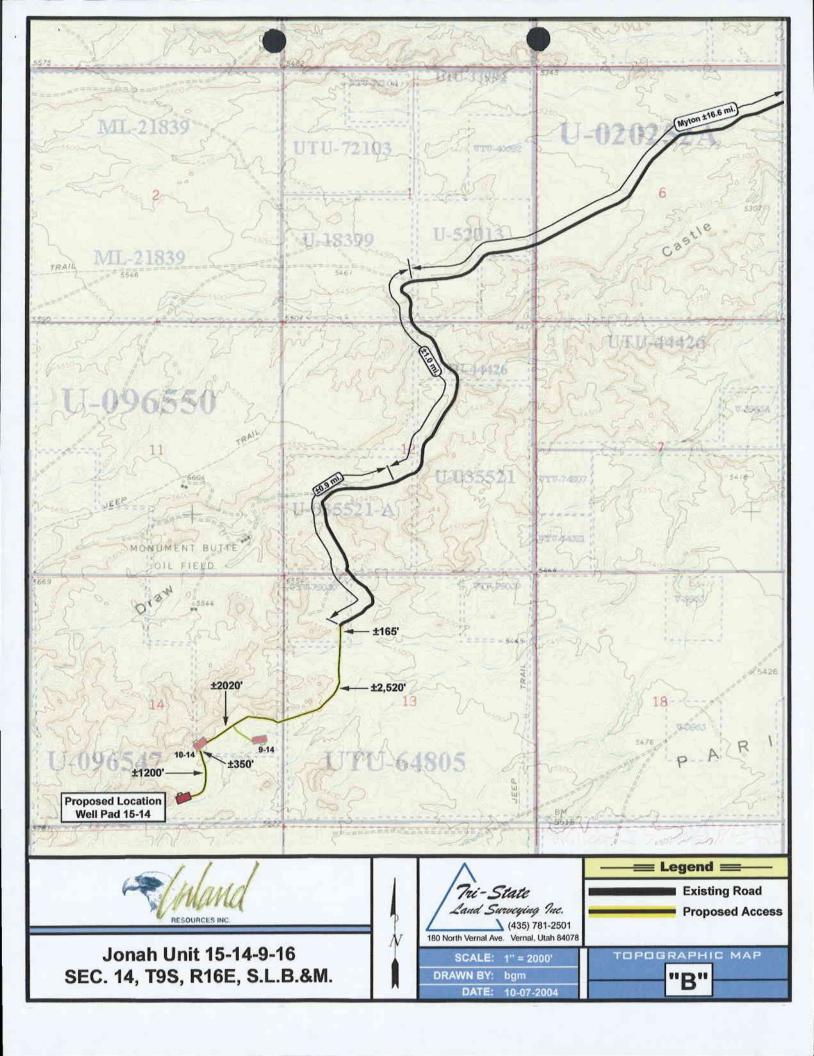
# TYPICAL RIG LAYOUT JONAH UNIT 15-14

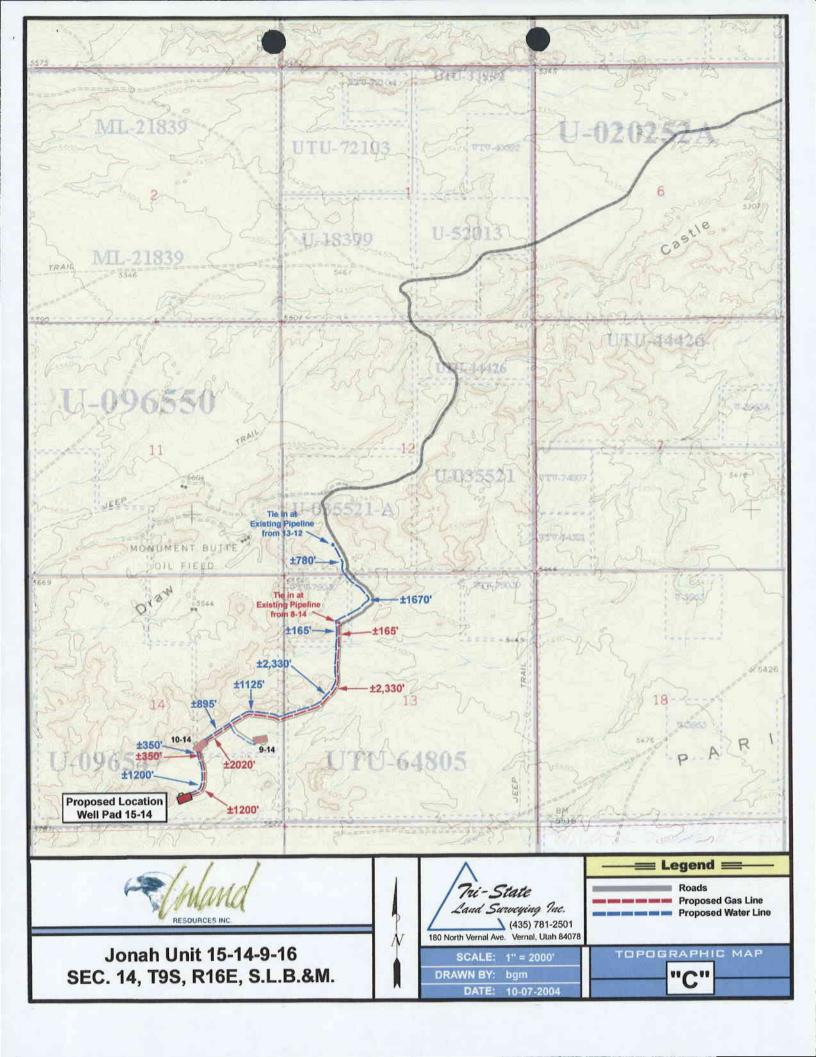


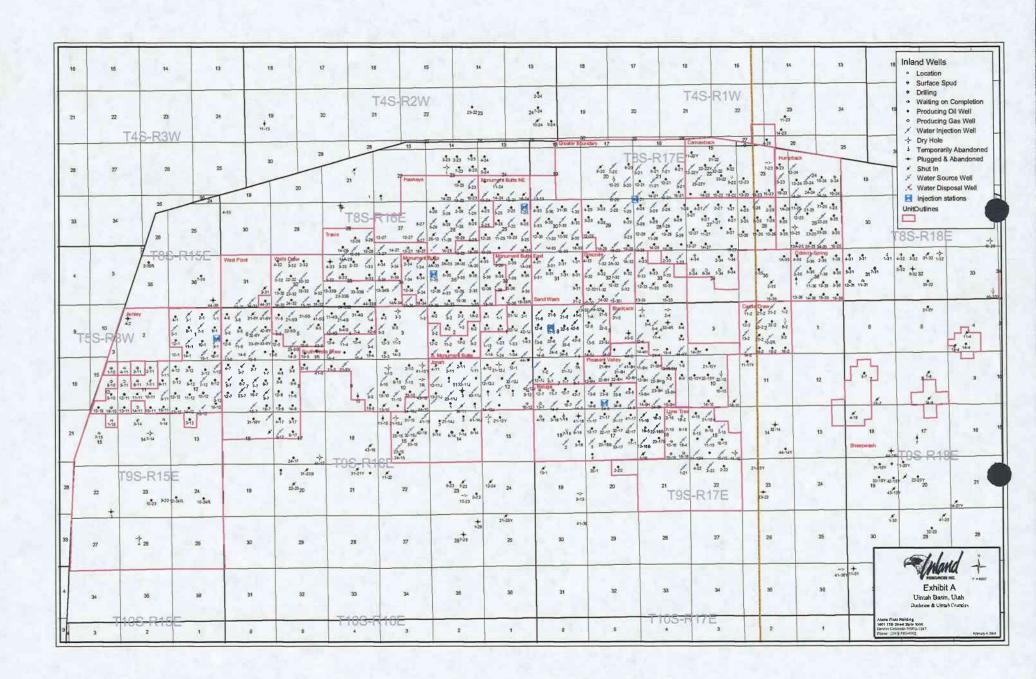
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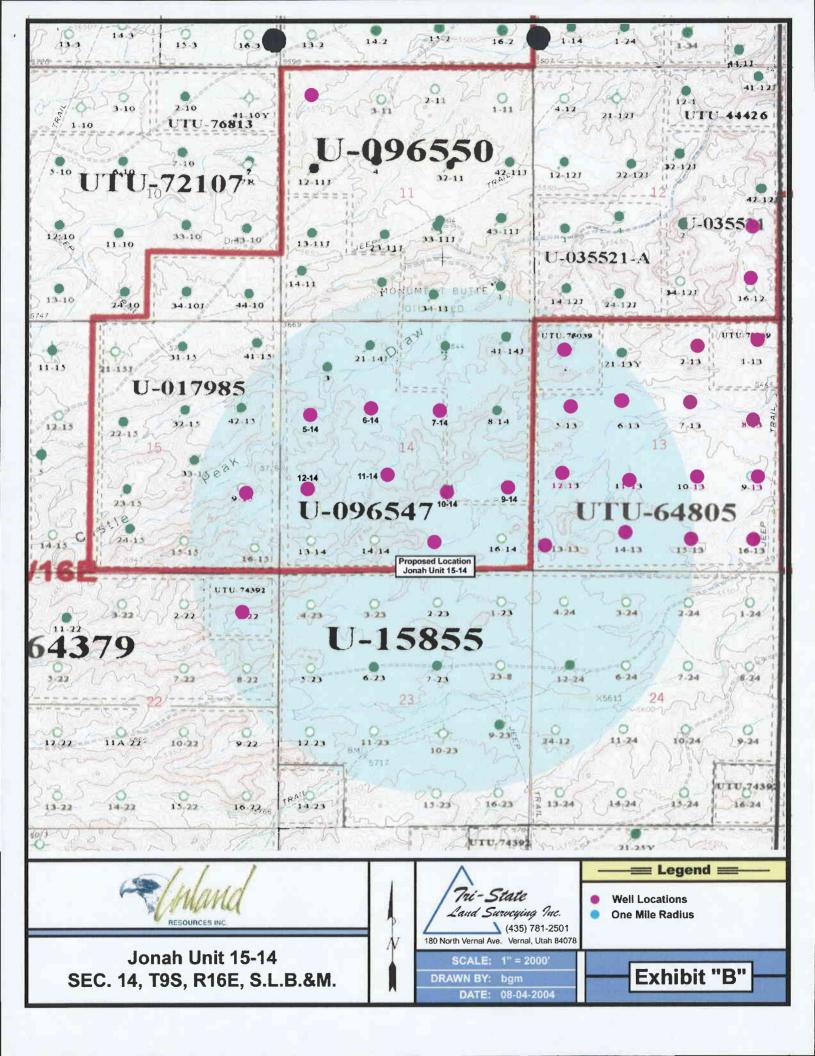
DRAWN BY:





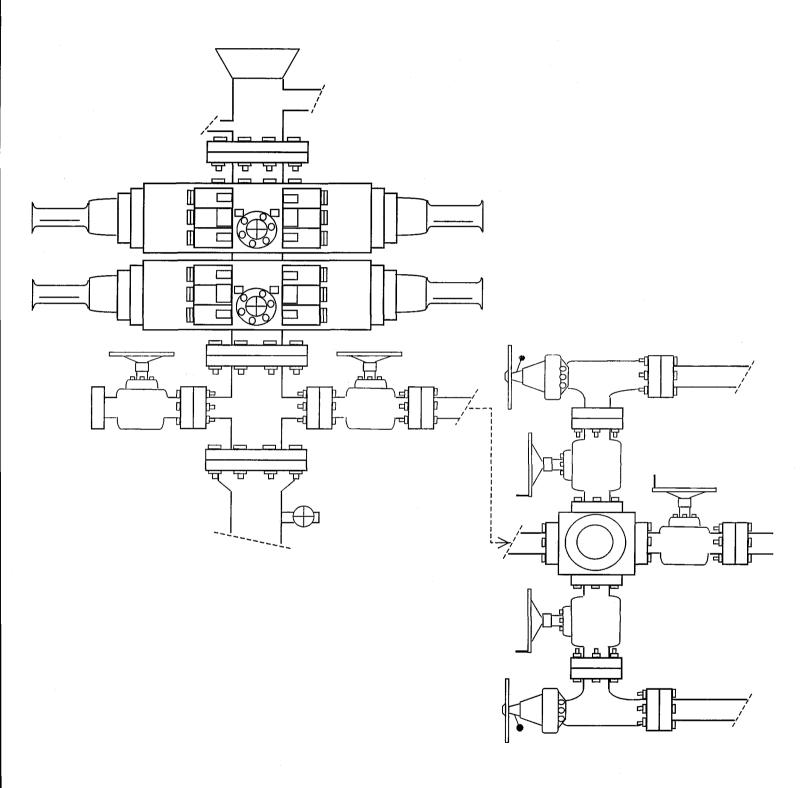






### 2-M SYSTEM

**Blowout Prevention Equipment Systems** 



**EXHIBIT C** 

Page 10f4

CULTURAL RESOURCE INVENTORY OF INLAND RESOURCES' BLOCK PARCELS (T9S, R16E, SEC. 13 &14) NEAR CASTLE PEAK DRAW, DUCHESNE COUNTY, UTAH.

· by

Katie Simon and Keith Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Inland Resources Route 3 Box 3630 Myton, UT 84052

Prepared By:

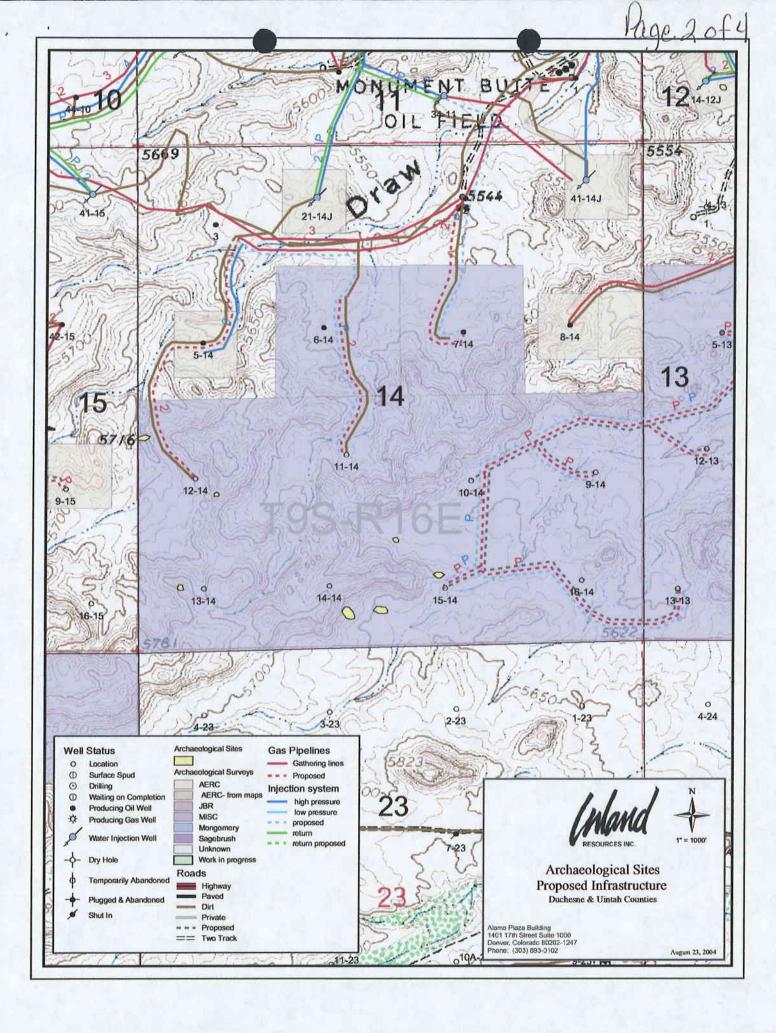
Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

MOAC Report No. 04-44

May 5, 2003

United States Department of Interior (FLPMA) Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-04-MQ-0328b



#### INLAND RESOURCES, INC.

# PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

(NE 1/4, SE 1/4, Sec. 10, T 9 S, R 17 E; SE 1/4, NW 1/4 & SW 1/4, NE 1/4, Sec. 29, T 8 S, R 17 E; South ½ Sec. 14 T 9 S, R 16 E; and NW 1/4, Sec. 13, T 9 S, R 16 E)

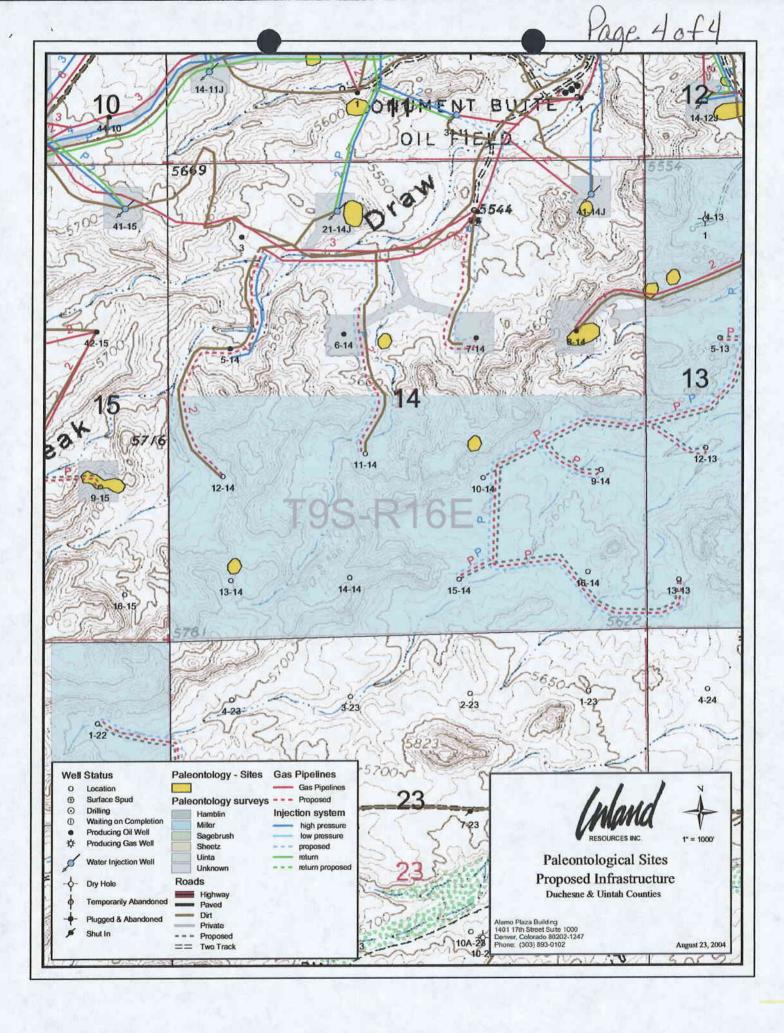
#### REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

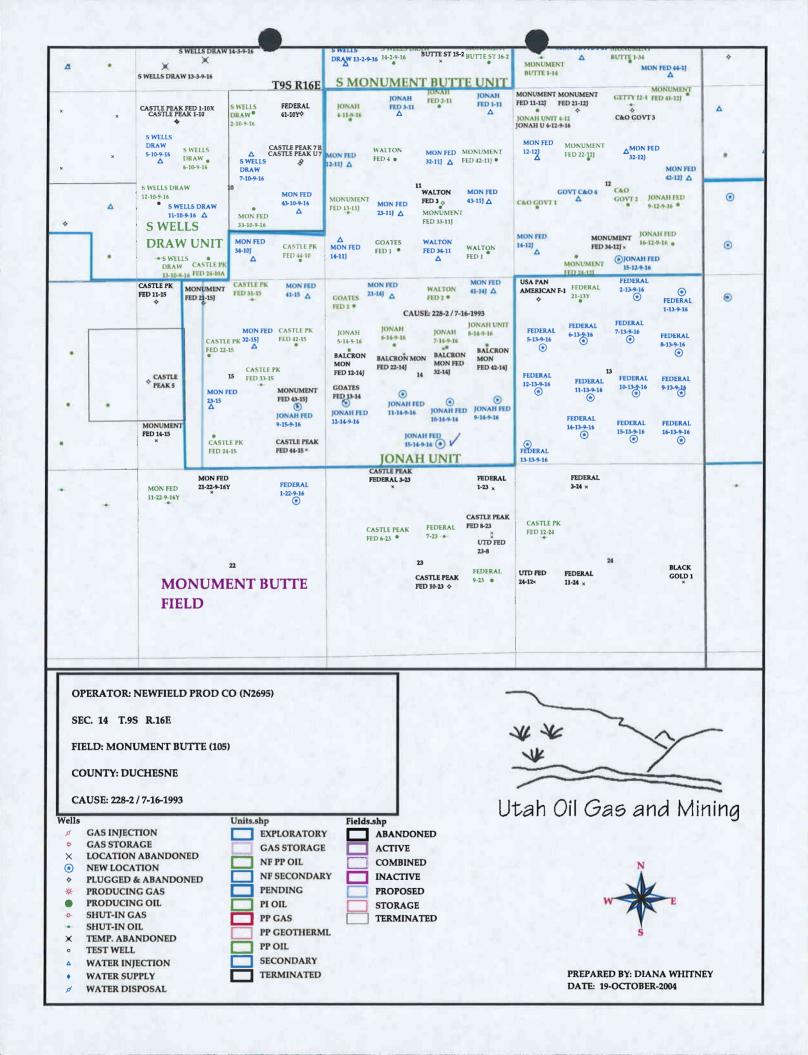
Prepared by:

Wade E. Miller Consulting Paleontologist January 8, 2004



# WORKSHEET APPLICATION FOR PERMIT TO DRILL

WELL NAME: JONAH FED 15-14-9-16  OPERATOR: NEWFIELD PRODUCTION ( N2695)  CONTACT: LANA NEBEKER  PHONE NUMBER: 435-646-3721  PROPOSED LOCATION:  SWSE 14 0908 160E  SURFACE: 6610 FSL 2096 FEL  DOTHESNE  MONUMENT EUTTE ( 105 )  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-096547  SURFACE OWNER: 1 - Federal  LEASE NUMBER: UTU-096547  SURFACE OWNER: 1 - Federal  PROPOSED FORMATION: GREV  COALBED METHANE WELL? NO  COALBED METHANE WELL? NO  RECEIVED AND/OR REVIEWED:  V Plat  Water Permit  (No. UTU0055  No Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. MUNICIPAL  No Coale (Y/N)  (Date: )  NIM Fee Surf Agreement (Y/N)  COMMENTS:  STEPULATIONS:   - Accessed Approximation   Appr	APD RECEIVED: 10/19/2004	API NO. ASSIGNED: 43-013-32689
Tech Review   Initials   Date	OPERATOR: NEWFIELD PRODUCTION ( N2695 ) CONTACT: LANA NEBEKER	
EOTTOM: 0610 FSL 2096 FEL  DUCHESNE  MONUMENT BUTTE ( 105 )  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-096547  SURFACE OWNER: 1 - Federal  PROPOSED FORMATION: GRRV  COALBED METHANE WELL? NO  RECEIVED AND/OR REVIEWED:  White Potash (Y/N)  Noil Shale 190-5 (B) or 190-3 or 190-13  Whater Permit  (No. MUNICIPAL )  Water Permit  (No. MUNICIPAL )  Noil Fee Surf Agreement (Y/N)  Fee Surf Agreement (Y/N)  COMMENTS:  Tech Review  Intials  Engineering  Geology  Surface  LATITUDE: 40.02533  LONGITUDE: -110.0840  LOCATION AND SITING:  — R649-2-3.  Unit JONAH (GREEN RIVER)  — R649-3-2. General  Siting: 460 From Qtr/Qtr & 920' Between Wells  — R649-3-3. Exception  — Drilling Unit  Board Cause No: 228-2  Eff Date: 7-14-1937  Siting: #4arFr u bary f 93h Fr 64bar  — R649-3-11. Directional Drill		INSPECT LOCATN BY: / /
MONUMENT BUTTE ( 105 )  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-096547  SURFACE OWNER: 1 - Federal  PROPOSED FORMATION: GRRV  COALBED METHANE WELL? NO  LONGITUDE: -110.0840  RECEIVED AND/OR REVIEWED:  Well Potash (Y/N)  N Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. MUNICIPAL  (No. MU		Tech Review Initials Date
LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-096547  SURFACE OWNER: 1 - Federal  PROPOSED FORMATION: GRRV  COALBED METHANE WELL? NO  RECEIVED AND/OR REVIEWED:  V Plat  M Bond: Fed[1] Ind[] Sta[] Fee[]  (No. UTU0056 )  M Potash (Y/N)  N Oil Shale 190-5 (B) or 190-3 or 190-13  V Water Permit  (No. MUNICIPAL (No. MUNICIPAL (No. MUNICIPAL )  N RDCC Review (Y/N)  (Date:  (Y/N)  R649-3-1. Directional Drill  COMMENTS:  SURFACE  SURFACE  LATITUDE: 40.02533  LATITUDE: -110.0840  LOCATION AND SITING:  — R649-2-3.  Unit JONAH (GREEN RIVER)  — R649-3-2. General  Siting: 460 From Qtr/Qtr & 920' Between Wells  — R649-3-3. Exception  Drilling Unit  Board Cause No: 121-2  Eff Date: 7-16-1932  Siting: 460-3-11. Directional Drill	DUCHESNE	Engineering
LEASE NUMBER: UTU-096547  SURFACE OWNER: 1 - Federal PROPOSED FORMATION: GRRV  COALBED METHANE WELL? NO  RECEIVED AND/OR REVIEWED:	MONUMENT BUTTE ( 105 )	Geology
SURFACE OWNER: 1 - Federal PROPOSED FORMATION: GRRV COALBED METHANE WELL? NO  RECEIVED AND/OR REVIEWED:  V Plat  M Bond: Fed[1] Ind[] Sta[] Fee[] (No. UTU0056 (No. UTU0056 (No. Mater Permit (No. MUNICIPAL (No. MUNICIPAL (No. MUNICIPAL (Date:  NAM Fee Surf Agreement (Y/N)  Siting: 460 From Otr/Otr & 920' Between Wells  Board Cause No:  228-2  Eff Date:  T-16-1993  Siting: 440-3-11. Directional Drill  COMMENTS:  SiP, & Parata Gay.		Surface
✓ Plat	SURFACE OWNER: 1 - Federal PROPOSED FORMATION: GRRV	
	✓       Plat         ✓       Bond: Fed[1] Ind[] Sta[] Fee[]         (No. UTU0056 )       )         ✓       Potash (Y/N)         N       Oil Shale 190-5 (B) or 190-3 or 190-13         ✓       Water Permit (No. MUNICIPAL )         N       RDCC Review (Y/N) (Date:)	R649-2-3.  Unit JONAH (GREEN RIVER) R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: 228-2 Eff Date: 7-16-1993 Siting: 44e fr u bdry €93s' fr 6ther t
STIPULATIONS: 1- Feele 10 () approx	COMMENTS: Sip. Spen	Je file
	STIPULATIONS:  - Reguna()	approach



# United States Department of the Interior

#### BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

October 20, 2004

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2004 Plan of Development Jonah Unit, Duchesne

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2004 within the Jonah Unit, Duchesne County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Green River)

43-013-32689 Jonah Federal 15-14-9-16 Sec 14 T09S R16E 0610 FSL 2096 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Jonah Unit

Division of Oil Gas and Mining

Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:10-20-04



State of Utah

Department of Natural Resources

ROBERT L. MORGAN Executive Director

Division of Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

October 20, 2004

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re: Jonah Federal 15-14-9-16 Well, 610' FSL, 2096' FEL, SW SE, Sec. 14,

T. 9 South, R. 16 East, Duchesne County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32689.

Sincerely,

John R. Baza Associate Director

pab Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Newfield Production Company						
Well Name & Number	Jonah Federal 15-14-9-16						
API Number:	43-013-32689						
Lease:	UTU-096547						
Location: <u>SW SE</u>	Sec. 14 T. 9 South	<b>R.</b> <u>16 East</u>					

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

OCT 1 9 2004 SLADVERHAL UTAH

Form 3160-3 (September 2001)			FORM APPROV OMB No. 1004- Expires January 31	0136	
UNITED STATES	5. Lease Serial No.	., 2007			
DEPARTMENT OF THE IN	3. Lease Serial No. UTU-096547				
BUREAU OF LAND MANA			6. If Indian, Allottee or Tri	ibe Name	
APPLICATION FOR PERMIT TO DI	RILL OR REENTER		N/A		
la. Type of Work: DRILL REENTE	D		7. If Unit or CA Agreement	, Name and No.	
12. Type of Work. DRILL REENTE.	K.		JONAH		
	M		8. Lease Name and Well No		
1b. Type of Well:  Oil Well  Gas Well  Other	Single Zone  Multi	ple Zone	Jonah Federal 15-1	4-9-16	
Name of Operator     Newfield Production Company			9. 3 Well No. 3 - 0	32689	
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or Explor	atory	
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Monument Butte		
4. Location of Well (Report location clearly and in accordance with	any State requirements.*)		11. Sec., T., R., M., or Blk. a	nd Survey or Area	
At surface SW/SE 610' FSL 2096' FEL			00000	2 D46E	
At proposed prod. zone			SW/SE Sec. 14, T98	S R16E	
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State	
Approximatley 18.5 miles south of Myton, Utah			Duchesne	UT	
<ol> <li>Distance from proposed*     location to nearest     property or lease line, ft.     (Also to nearest drig, unit line, if any) Approx. 610' filee, 610' flunit</li> </ol>	16. No. of Acres in lease 600,00	17. Spacin	ing Unit dedicated to this well  40 Acres		
18. Distance from proposed location*	19. Proposed Depth	20. BLM/I	I/BIA Bond No. on file		
to nearest well, drilling, completed, applied for, on this lease, ft.  Approx. 1,436'	5960'		UTU0056		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration	•	
5630.5' GL	1st Quarter 2005		Approximately seven (7) days from spuc	d to rig release.	
	24. Attachments				
The following, completed in accordance with the requirements of Onsho	re Oil and Gas Order No.1, shall be att	ached to this	s form:		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	I ands the 5. Operator certific	ation. specific info	ns unless covered by an existin		
25. Signature/	Name (Printed/Typed) Lana Nebeker	-	Date	0-18-04	
Production Cleak					
Applying by (Signapare)   Longue	Name (Printed/Typed)		Date / Date	25/2009	
Title Assistant Field Manager Mineral Resource	Office				
Application approval does not warrant or certify the the applicant holds le	egal or equitable title to those rights in	the subject	lease which would entitle the ap	plicant to conduct	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Conditions of approval, if any, are attached.

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APR 0 5 2005

COAs Page 1 of 1 Well No.: Jonah Federal 15-14-9-16

## CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator:	Newfield Production Company.	<u>.                                    </u>
Well Name & Number	er: Jonah Federal 15-14-9-16	<del></del>
API Number:	43-013-32689	
Lease Number:	U-096547	· 
Location: <u>SWSE</u>	Sec. <u>14</u> T. <u>9S</u> R. <u>16E</u>	<u> </u>
Agreement:	N/A	

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

#### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Please submit to this office, in LAS format, an electronic copy of all logs run on this well. This submission will replace the requirement for submittal of paper logs to the BLM.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Kirk Fleetwood

(435) 828-7874

Petroleum Engineer

Michael Lee

(435) 828-7875

Petroleum Engineer

BLM FAX Machine (435) 781-4410

THERE ARE NO ADDITIONAL CONDITIONS FOR THE SURFACE USE PROGRAM.

### DIVISION OF OIL, GAS AND MINING

#### **SPUDDING INFORMATION**

Name of Company:	NEWFIELD PRODUCTION COMPANY					
Well Name:	JONAH FED 1	5-14-9-16	<del>-</del>			
Api No: 43-013-32	Lease Type	e: <u>FE</u>	DERAL			
Section 14 Township	<b>09S</b> Range <b>16E</b>	_County	DUCHESNE			
Drilling Contractor	ROSS DRILLING	RIG #_	24			
SPUDDED:						
Date	05/04/05					
Time	NOON					
How	DRY					
Drilling will Comme	ence:					
Reported by	FLOYD MITCHE	LL				
Telephone #	1-435-823-3610					
Date <u>05/04/2005</u>	Signed	СНД				

STATE OF UTAH STATE OF UTAH

DIMISION OF OIL, GAS AND MINING

ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY ADDRESS: RT. 3 BOX 3630

MYTON, UT 840\$2

OPERATOR ACCT. NO.

N2695

ACTION	CURRENT	NEW	APINUMBER	MATTER Alberts							
CODE	ENTITY NO.	ENTITY NO.		WELL NAME	-			DOLLACO		SPUD	<b>EFFECTIVE</b>
		√			QD	SC	ΤP	RG	COUNTY	DATE	CATE
B WELL C	99999 OMMENTS	11492	43-013-32689	Jonah Federal 15-14-9-16	SW/SE	14	98	16E	Duchesne	5/04/2005	
		GRRU									
CTCON	CURRENT	NEW.	APINUMBER	AET NYWE	<del>,                                     </del>						
CODE	ENTITY NO.	ENTITY NO.		TAE T (AQUE	90	SC W	TELL LOCATE			SPUD	EFFECTIVE
A	99999	14696	43-047-35592	Federal 6-4-9-18	SE/NW	_		RG	COUNTY	DATE	DATE
ÆLL 20	OMMENTS:	GRRU			SEMMY	4	98	18E	Uintah	5/05/2005	
		0/400									
TICNY FORE	CURRENT ENTITY NO.	NEW	API NUMBER	Well name	1	<del></del>	100000000000000000000000000000000000000				
1	CHITTES.	ENTITY HG.			Qa	SC	TP VAELL LO	RG		SPUD	EFFECTIVE
A I	99999	14697	45 6.4W 68W				1.5	- 50	COUNTY	DATE	
	DIMMENTS:	GRRU	43-047-35590	Federal 3-4-9-18	NE/NW	4	98	18E	Uintah	5/06/2005	
CODE	CURRENT ENTITY NO	NEW.	APINUMBER	WELL NAME	<del></del>		-				_
3000	ZWIN 1 NO	ENTITY NO.			QC ]	sc	JIP I	RG		SPUD	EFFECTIVE
A	99999	14698	43-047-35891	Federal 10-5-9-18	NW/SE	5	9\$	18E	COUNTY	DATE	DATE
ELL400	WMEYTS:	GRRU			1 INTROL		83	10E	<u> </u>	5/10/2005	
											-
CTION CODE	CURRENT ENTITY NO.	ENTITY NO.	AFI NUMBER	WELL NAME	Т		MELLIN				
		ENZITY NO.			QQ	23	WELLLO	RG	COUNTY	SPUD	EFFECTIVE
В	99999	12391	43-013-32630	Greater Boundary Fed 13-34-8-17	sw/sw	34	88	17E	Ouchesne	DAYE	DATE
arra col	MVENTS (	FRRV -							Duchesne	5/10/2005	L
TIOVCO	OES (See instructi	ions an book of form!									
A - E5	HaDish rea: e-∭y i Stormwello'	la: usw.msi (sjudje wel o jed eulj? (Goot) or nij n	nt <sub>s</sub> ()								
∵େRe	÷€ ४५रेप्सा भर्स्ट शिक्ताः ।	COC Britling early by word	lhae escietion muer								
D- Re	essiya well from a	one existing entity to a ne	wently		-11/F	`		S	ignature		Keb5∈S Jones
E- OII	her (e)pisin in com	ments sectory	-	REC	EIVE	J			roduction Clerk		
TE: Use	COM WENT section	o to explain why each Ac	tion Code was selected.		1 0 0000	•		<u> </u>	#		May 10, 2005
			meraty wently Son Code was selected.	MAY	1 0 2005	)			<del></del>		Date

FORM 3160-5 (September 2001)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

						5. Lease Serial No.				
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an							UTU096547			
abandoned w	5. If Indian, A	Allottee o	r Tribe Name.							
e de les Subbunchen	RIPUKCAUTIKE OURGEDIEGE	inginjikani:	rovensje syn	i,		. If Unit or C	A/Agree	ement, Name and/	or No.	
1. Type of Well						JONAH UN		,		
X Oil Well Gas Well	Other				8	. Well Name	and No.		<del></del>	
Name of Operator     Newfield Production Company					1	JONAH FE		15-14-9-16		
3a. Address Route 3 Box 3630	la	b. Phone No.	(include are	code		API Well N				
Myton, UT 84052		435.646.3721	(merace care	couc	· L	4301332689		Exploratory Area		
4. Location of Well (Footage, Sec	., T., R., M., or Survey Description)					Monument 1		Exploiatory Area		
610 FSL 2096 FEL					Ī	1. County or	Parish, S	State	<del></del>	
SW/SE Section 14 T9S R1	6E					Duchesne,U	T			
12. CHECK	APPROPRIATE BOX(ES)	TO INIDIO	CATE NA	TUF	RE OF NO	ΓΙCE, OR	OTHE	R DATA		
TYPE OF SUBMISSION			TYPE	OF	ACTION					
Day or	Acidize [	Deepen			Production(	Start/Resume	;) [T	Water Shut-Off	<del></del>	
Notice of Intent	Alter Casing	Fracture T	reat	ā	Reclamation		″ <u> </u>	Well Integrity		
Subsequent Report	Casing Repair	New Cons	truction	ō	Recomplete		X			
	Change Plans	Plug & Ab	andon		Temporarily	Abandon		Weekly Status I	Report	
Final Abandonment Notice	Convert to Injector	Plug Back			Water Dispo	sal				
csgn to 1,500 psi. Vernal B cement & shoe. Drill a 7.87 Dig/SP/GR log's TD to surfa KB. Cement with 300 sks o	g # 2. Set all equipment. Pres LM field, & Roosevelt DOGM 5 hole with fresh water to a d ace. PU & TIH with Guide sh ement mixed @ 11.0 ppg & 3 Nipple down Bop's. Drop slip	office was epth of 591 be, shoe jt, 3.43 yld. The	notifed of t 0'. Lay dov float collar, en 400 sks	test. vn d , 138 cen	PU BHA a drill string & 8 jt's of 5.5 ment mixed	nd tag cen BHA. Ope J-55, 15.5 @ 14.4 pr	nent @ en hole # csgn. oa & 1.2	268'. Drill out log w/ Set @ 5902' / 24 vld. With 10	,	
I hereby certify that the foregoing is	true and correct	Title			<del></del>					
Name (Printed/ Typed)	7 114 -116 A011 AA1									
Ray Herrera			g Foreman							
Signature Ruy Hu	<u></u>	Date 05/17	//2005							
	HAUSSRACERIOR	iompieka).	ORSTA	TO O	(NORICE)	r CS iz		et itti is		
Approved by			Title			[,	Date			
Conditions of approval, if any, are attached certify that the applicant holds legal or eq which would entitle the applicant to conditions.	uitable title to those rights in the subject !		Office			<u>I</u>				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious and fraudulent	U.S.C. Section 1212, make it a crime for	r any person kno atter within its ju	wingly and wil trisdiction	llfully	to make to any	department or	agency of	the PARCE	VED	

(Instructions on reverse)

MAY 1 8 2005

## NEWFIELD PRODUCION COMPANY - CASING & CEMENT REPORT

			<u>5 1/2"</u>	CASING SET	AT	5902.13			
					Flt clir @	5857.58			
LAST CASI	NG <u>8 5/8"</u>	SET A	AT 3 <u>14'</u>		OPERATOR		Newfield I	Production C	ompany
DATUM	12' KB				WELL	Jonah Fed	eral 15-14	-9-16	
DATUM TO	CUT OFF C	ASING _	12'		FIELD/PROS	SPECT	Monumen	t Butte	
DATUM TO	BRADENHE	AD FLANGE		<u> </u>	CONTRACT	OR & RIG#		NDSI Rig # 2	2
TD DRILLER	5910	LOGGE	ER		-				
HOLE SIZE	7 7/8"								
LOG OF CA	SING STRIN	IG:							
PIECES	OD	ITEM - I	MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt							14
		5.98' short j	t @ 4007.04'						
138	5 1/2"	ETC LT & C	casing		15.5#	J-55	8rd	Α	5843.85
		Float collar							0.6
1	5 1/2"	ETC LT&C o	sg		15.5#	J-55	8rd	Α	45.03
			GUIDE	shoe			8rd	Α	0.65
CASING INV	ENTORY BA	AL.	FEET	JTS	TOTAL LENG	STH OF STE	RING		5904.13
TOTAL LEN	GTH OF STE	RING	5904.13	139	LESS CUT C	FF PIECE			14
LESS NON (	CSG. ITEMS		15.25		PLUS DATU	м то т/сит	OFF CSG		12
PLUS FULL	JTS. LEFT C	UT	343.43	8	CASING SET	DEPTH			5902.13
	TOTAL		6232.31	147	7			_	
TOTAL CSG	. DEL. (W/O	THRDS)	6232.31	147	COMPAR	E			
TIMING			1ST STAGE	2nd STAGE					
BEGIN RUN	CSG.		1:00 am	5/16/2005	GOOD CIRC	THRU JOB		yes	
CSG. IN HOI	<u>.E</u>		3:30 AM	5/16/2005	Bbls CMT Cli	RC TO SUR	FACE	10 bbis	<del></del>
BEGIN CIRC			4:00 AM	5/16/2005	RECIPROCA	TED PIPE F	OR	THRUSTROK	<u>E_</u>
BEGIN PUM	PCMT		5:30 AM	5/16/2005	DID BACK PI	RES. VALVE	HOLD?		
BEGIN DSPL	. CMT		6:35 AM	5/16/2005	BUMPED PL	UG TO		1824	PSI
PLUG DOW	١		7:04 AM	5/16/2005		<del></del>			
CEMENT US	ED			CEMENT COM	IPANY-	B. J.			
STAGE	# SX			CEMENT TYP	E & ADDITIV	ES	·		
1	300	Premlite II w/	10% gel + 3 °	% KCL, 3#'s /sl	CSE + 2# sl	√kolseal + 1.	/4#'s/sk Cell	o Flake	
		mixed @ 11.	0 ppg W / 3.43	3 cf/sk yield					
2	400	50/50 poz W	/ 2% Gel + 3%	KCL, .5%EC1,	,1/4# sk C.F.	2% gel. 3%	SM mixed @	14.4 ppg W/ 1	.24 YLD
CENTRALIZI	R & SCRAT	CHER PLAC	EMENT			SHOW MAK	E & SPACIN	G	
Centralizers	- Middle fir	st, top seco	nd & third. Th	en every third	collar for a	total of 20.			
					-				

COMPANY REPRESENTATIVE Alvin Nielsen

RECEIVED DATE \_\_\_\_\_

5/16/2005

# UNITED STATES

RECEIVED

FORM 3160-5 FORM APPROVED JUN 1 5 2005 OMB No. 1004-0135 (September 2001) DEPARTMENT OF THE INTERIOR Expires January 31,2004 BUREAU OF LAND MANAGEMENT Lease Serial No. SUNDRY NOTICES AND REPORTS ON WEDLY OLL, GAS & MINING U096547
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Al 6. If Indian, Allottee or Tribe Name. SUBMIT IN TRIPLICATE - Other Instructions on reverse side 7. If Unit or CA/Agreement, Name and/or No. JONAH UNIT 1. Type of Well Oil Well Gas Well 8. Well Name and No. 2. Name of Operator JONAH FEDERAL 15-14-9-16 Newfield Production Company 9, API Well No. 3a. Address Route 3 Box 3630 3b. Phone No. (include are code) 4301332689 Myton, UT 84052 435.646.3721 10. Field and Pool, or Exploratory Area Monument Butte 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 610 FSL 2096 FEL 11. County or Parish, State SW/SE Section 14 T9S R16E Duchesne, UT 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen Production(Start/Resume) ☐ Water Shut-Off X Notice of Intent Alter Casing Fracture Treat Reclamation ■ Well Integrity **New Construction** Casing Repair Recomplete ☐ Subsequent Report Other Change Plans Plug & Abandon Variance Temporarily Abandon Final Abandonment Notice Convert to Injector Plug Back Water Disposal 13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandomment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Inland operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

I hereby certify that the foregoing is true and correct Title Name (Printed/Typed) Regulatory Specialist Mandie Crozier Date Signatur 06/14/2005 THIS-SPACE FOR FEDERAL OR STATE OFFICE USE Accepted by the Federal Approval Of This Utah Division of Conditions of approval, if any, are attached. Approval of this notice does not warrant or Action is Necessary certify that the applicant holds legal or equitable title to those rights in the subject lease Offic Oil. Gas and Mining which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to

States any false, fictitious and fraudulent statements or representations as to any matter within its jurs of the

(Instructions on reverse)

nent or agency of the United

FORM 3160-5 (September 2001)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVE JUN 1 5 2005

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

DIV OF OIL GAS & GUNLARGE Serial No.

Do not use t	/ NOTICES AND REPOR his form for proposals to d ell. Use Form 3160-3 (APD	rill or to re-ente	r an	UTU096547 6. If Indian, Allo	ttee or Tribe Name.
SUBMIT IN T  1. Type of Well	RIPLICATE - Other Instru	ictions on rever	se side	7. If Unit or CA/. JONAH UNIT	Agreement, Name and/or No.
I. Type of Well Gas Well	Other			8. Well Name an	d No.
2. Name of Operator Newfield Production Company					RAL 15-14-9-16
3a. Address Route 3 Box 3630	3	b. Phone No. (inclu	de are code)	9. API Well No. 4301332689	
, Myton, UT 84052	1	435.646.3721			ol, or Exploratory Area
. •	., T., R., M., or Survey Description)			Monument But	
610 FSL 2096 FEL SW/SE Section 14 T9S R1	6E			11. County or Pa	rish, State
12. CHECK	APPROPRIATE BOX(ES)	TO INIDICAT	E NATURE OI	F NOTICE, OR O	THER DATA
TYPE OF SUBMISSION			TYPE OF ACTI	ON	
☑ Notice of Intent ☐ Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	Deepen Fracture Treat New Construction Plug & Abandon	n Recla	uction(Start/Resume) amation mplete porarily Abandon	☐ Water Shut-Off ☐ Well Integrity ☐ Other
Final Abandonment Notice	Convert to Injector	Plug Back	. ===	r Disposal	
Ashley, Monument Butte, J produced water is injected	ed to a steel storage tank. If to onah, and Beluga water inject into approved Class II wells to criteria, is disposed at Newfie facilities.	ction facilities by o enhance Newf	company or co leld's secondar	ntract trucks. Subs y recovery project.	sequently, the
		F	Accepte Utah Di Oil, Gas a OR RECC	ed by the vision of nd Mining ORD ONLY	
I hereby certify that the foregoing is Name (Printed/Typed) Mandie Crozier	true and correct	Title Regulatory	Specialist		
Signature	i Cron-	Date 06/14/2003	<del></del>		
	T <b>KIS</b> SPACE FOR	FEDERAL OF	STATE OF	ICE USE	
Approved by	·		itle	Da	te .
Conditions of approval, if any, are attach certify that the applicant holds legal or ea which would entitle the applicant to con-	quitable title to those rights in the subject	. 1	office -		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

FORM 3160-5 (September 2001)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

FORM A	PPROVED
OMB No.	1004-0135
Expires Ian	nary 31 2004

5. Lease Serial No.	 
UTU096547	
6. If Indian, Allottee or Tribe Name	

	this form for proposals to rell.  Use Form 3160-3 (AF			6. If Indian, Allot	tee or Tribe Name.
CALINE TANK OF THE CALIN OF THE	RIPDICATIF - Other list				
SHBMITTA	REPLICATE - OHIELIK	ructions on rev	CEST MADE	JONAH UNIT	Agreement, Name and/or No.
1. Type of Well	_				
Oil Well Gas Well  2. Name of Operator	Other			8. Well Name and JONAH FEDER	
Newfield Production Company			· :	9. API Well No.	AL 13-14-9-10
3a. Address Route 3 Box 3630	-	3b. Phone No. (inc	clude are code)	4301332689	
Myton, UT 84052 4. Location of Well (Footage, Sec	T P M or Survey Description	435.646.3721		10. Field and Pool Monument Butte	, or Exploratory Area
610 FSL 2096 FEL	., 1., K., M., or Survey Descriping			11. County or Par	
SW/SE Section 14 T9S R1	6E	•		Duchesne, UT	•
12. CHECK	APPROPRIATE BOX(E	S) TO INIDICA	TE NATURE		THER DATA
TYPE OF SUBMISSION			TYPE OF A	<del></del>	TIERO DATA
	Acidize	Deepen		roduction(Start/Resume)	Water Shut-Off
Notice of Intent	Alter Casing	Fracture Trea	<b></b>	eclamation	Water Shut-Off  Well Integrity
X Subsequent Report	Casing Repair	New Construc	=	ecomplete	X Other
☐ Final Abandonment Notice	Change Plans	Plug & Aband		emporarily Abandon	Weekly Status Report
Final Abandonment Notice	Convert to Injector	Plug Back	<u> </u>	/ater Disposal	
Status report for time period Subject well had completion the well. A cement bond log with 20/40 mesh sand. Peri (4498'-4508'),(4064-4068'), flow-through frac plugs wer well on 06-08-2005. Bridge 1 1/2" bore rod pump was r	n procedures intiated in the g was run and a total of fou forated intervals are as folk (4040'-4046')(3991'-3995') e used between stages. Fr plugs were drilled out and un in well on sucker rods. V	ir Green River in ows: Stage #1 (4 ; Stage #4 (3936 acs were flowed well was cleane Well was placed	tervals were p 628'-4643'); S '-3942'). All pe back through d to 5768'. Zoi	erforated and hydraulic tage #2 was skipped; a erforations, were 4 JSF chokes. A service rig v nes were swab tested i	cally fracture treated Stage #3 PF. Composite was moved over the for sand cleanup. A
Name (Printed/ Typed) Lana Nebeker	O O	Title Productio	n Clerk		
Signature A MA	la la kan	Date 06/17/20	105		
<i>(1)</i>	THIS SPACE FO			BEGELISE, 12:35	
A annual by			7774		
Approved by Conditions of approval, if any, are attached certify that the applicant holds legal or equal to the applicant holds legal or equal tor			Title	Date	
which would entitle the applicant to cond Title 18 U.S.C. Section 1001 and Title 43	uct operations thereon.		Office	make to any demand	now of the United
States any false, fictitious and fraudulent	statements or representations as to an	y matter within its juris	diction		ncy of the United
(Instructions on reverse)				RECEIVED	

JUN 20 2005

FORM 3160-4 (July 1992)

(See other instructions ons reverse side)

SUBMIT IN DUPLICATE\* FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

### UTU-096547

UNITED STATES	
DEPARTMENT OF THE INTERIOR	
BUREAU OF LAND MANAGEMENT	_

VVELL	COMP	LETION	OR R	ECOMP	LETION	I REPORT A	ND LOG*	- 1	•	NA
la. TYPE OF WORK								1,	7. UNIT AGREEMENT N	
15 TVDE OF WELL		OIL WELL	X	GAS WELL	DRY	RE	CEIVED	<u> </u>	Jona	ah Unit
16. TYPE OF WELL						11 11	2 2 200	-	B. FARM OR LEASE NAM	ME. WELL NO
NEW X	WORK	DEEPEN		PLUG	DIFF		2 2 2005			
WELL 7  2. NAME OF OPERATOR	OVER	D D D D D D D D D D D D D D D D D D D		BACK	RESVR.	Other Other	1 040 5 11111		Jonan Fede	eral 15-14-9-16
		Ne	wfield l	Exploratio	n Compar	ny DIV. OF OI	L, GAS & MINI	1	43-01	13-32689
3. ADDRESS AND TELEP	PHONE NO.	1401 17 <del>1</del> 6	St Su	ita 1000	Denver, C	O 80202		] 11	0. FIELD AND POOL OR	R WILDCAT nent Butte
4. LOCATION OF WE	LL (Report le							1	1. SEC., T., R., M., OR BI	
At Surface		610	FSL & 2	2096' FEL (S	SW/SE) Sec.	. 14, T9S, R16E	•	,	OR AREA	
At top prod. Interval rep	ported below							F	Sec. 14,	T9S, R16E
At total depth	•			14. API NO.		DATE ISSUED	· · · · · · · · · · · · · · · · · · ·	<del></del>	2. COUNTY OR PARISH	13. STATE
rt total depth					13-32689		0/20/04	1'-	Duchesne	UT
15. DATE SPUDDED	16. DATE T.I	D. REACHED	17. DA	TE COMPL. (Re		18. ELEVATIONS (	DF, RKB, RT, GR, ETG	C.)*		19. ELEV. CASINGHEAD
5/4/05 20. TOTAL DEPTH, MD &		5/15/05 21. PLUG BAG	W.T.D. MD	6/10		PLE COMPL.,			5643' KB	GARAGE TOOLS
20. 101AL DEPTH, MD &		21. PLUG BAG	K LD., MU	1 W I W D	HOW MA		23. INTERVALS DRILLED BY	ROTAR	RY TOOLS	CABLE TOOLS
5910'			5768'				>		Χ	
24. PRODUCING INTERV	'AL(S), OF TH	IS COMPLETION-	тор, вотт	OM, NAME (MI						25: WAS DIRECTIONAL
				Green Ri	ver 393	6'-4643'				survey made No
26. TYPE ELECTRIC AND	OTHER LOG	S RUN		·	<del></del>					27. WAS WELL CORED
Dual Induction	Guard,	SP, Compe	ensated	Density,	Compens	ated Neutron,	GR, Caliper,	Cemer	nt Bond Log	No
23.				7		port all strings set in				T
CASING SIZE/C 8-5/8" - J	J-55	WEIGHT 24			SET (MD) -	HOLE SIZE 12-1/4"			ENTING RECORD EX Class "G" cmt	AMOUNT PULLED
5-1/2" - J		15.			902'	7-7/8"			400 sx 50/50 Poz	· ·
29.			ER RECO				30.		UBING RECORD	
							SIZE	DE	EPTH SET (MD)	
SIZE	TO	OP (MD)	BOLIG	OM (MD)	SACKS CEMEN	T* SCREEN (MD)				PACKER SET (MD)
SIZE	TO	OP (MD)	BOLTO	OM (MD)	SACKS CEMEN	T* SCREEN (MD)	2-7/8"		EOT @ 4728'	TA @ 4623'
SIZE  31. PERFORATION REC						32.	2-7/8"	[		TA @ 4623'
31. PERFORATION REC	CORD (Interva	I, size and number	) SI	ZE	SPF/NUMBE	32. DEPTH INT	2-7/8"  ACID, SHOT, 1  ERVAL (MD)	FRACTUF AI	OT @ 4728' RE, CEMENT SQUE MOUNT AND KIND OF	TA @ 4623' EZE, ETC.
31. PERFORATION REC	CORD (Interva TERVAL	I, size and number ) 4628'-4643'	) <u>SI</u> .4	ZE  -1"	spf/numbe 4/60	32. DEPTH INT. 4628'	2-7/8" ACID, SHOT, 1 ERVAL (MD) -4643'	FRACTUI AI Frac w	OT @ 4728' RE, CEMENT SQUE MOUNT AND KIND OF 1/57,701#20/40 sa	TA @ 4623' EZE, ETC. MATERIAL USED and in 427 bbls fluid
31. PERFORATION REC INT	CORD (Interva CERVAL (C	I, size and number ) 4628'-4643' ) 4498'-4508'	) <u>SI</u> .4	ZE  1"	SPF/NUMBE 4/60 4/40	32. DEPTH INT 4628'-4498'-	2-7/8"  ACID, SHOT, 1  ERVAL (MD)  -4643'  -4508'	FRACTUF AI Frac w Frac w	OT @ 4728' RE, CEMENT SQUE! MOUNT AND KIND OF 1/ 57,701# 20/40 sa 1/ 69,795# 20/40 sa	TA @ 4623' EZE, ETC. MATERIAL USED and in 427 bbls fluid and in 533 bbls fluid
31. PERFORATION REC INT (GB6) 40	CORD (Interva FERVAL (C (D1) 040'-4046'	I, size and number ) 4628'-4643' ) 4498'-4508' , 4064'-4068'	) SI .4	ZE  1"  1" '	SPF/NUMBE 4/60 4/40 4/40	DEPTH INT 4628'-4498'-4040'-	2-7/8"  ACID, SHOT, 1  ERVAL (MD)  -4643'  -4508'  -4068'	FRACTUF AI Frac w Frac w Frac w	A728' RE, CEMENT SQUE! MOUNT AND KIND OF 1/ 57,701# 20/40 sa 1/ 69,795# 20/40 sa 1/ 28,155# 20/40 sa	TA @ 4623' EZE, ETC. MATERIAL USED and in 427 bbls fluid and in 533 bbls fluid and in 275 bbls fluid
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(GB6) 40 (GB2&4) 39 (GB3&4) 39	CORD (Interva CERVAL (C (D1) 040'-4046' 936'-3942'	I, size and number ) 4628'-4643' ) 4498'-4508' , 4064'-4068' , 3991'-3995'	SI .4 .4 .4 .4	ZE 1" 1" 1" 1"	SPF/NUMBE 4/60 4/40 4/40 4/40	2R 32. DEPTH INT 4628'-4498'-4040'-3936'-	2-7/8"  ACID, SHOT, 1  ERVAL (MD)  -4643'  -4508'  -4068'	FRACTUF AI Frac w Frac w Frac w	A728' RE, CEMENT SQUE! MOUNT AND KIND OF 1/57,701# 20/40 st 1/69,795# 20/40 st 1/28,155# 20/40 st 1/29,409# 20/40 st	TA @ 4623'  EZE, ETC.  MATERIAL USED  and in 427 bbls fluid  and in 533 bbls fluid  and in 275 bbls fluid  and in 300 bbls fluid
31. PERFORATION REC <u>INT</u> (GB6) 40 (GB2&4) 39	CORD (Interva CERVAL (C) (D1) 040'-4046' 936'-3942'	I, size and number ) 4628'-4643' ) 4498'-4508' , 4064'-4068' , 3991'-3995'	SI .4 .4 .4 .4	ZE 1" 1" 1" 1" (Flowing, gas lif	SPF/NUMBE 4/60 4/40 4/40 4/40	2R 32. DEPTH INT 4628'-4498'-4040'-3936'-	2-7/8"  ACID, SHOT, 1 ERVAL (MD)  -4643'  -4508'  -4068'  -3995'	FRACTUF AI Frac w Frac w Frac w	A728'  RE, CEMENT SQUE MOUNT AND KIND OF 7/57,701# 20/40 si 7/69,795# 20/40 si 7/28,155# 20/40 si 7/29,409# 20/40 si	TA @ 4623' EZE, ETC. MATERIAL USED and in 427 bbls fluid and in 533 bbls fluid and in 275 bbls fluid
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(GB6) 40 (GB2&4) 30 (G	ORD (Interval) (C (D1) 040'-4046' 936'-3942'	I, size and number ) 4628'-4643' ) 4498'-4508' , 4064'-4068' , 3991'-3995'  PRODUCTIO	, 4 , 4 , 4 , A  CHOKI	ZE 1" 1" 1" 1" 1" 2-(Flowing, gas fif 2-1/2" E SIZE PI TI  JLATED JR RATE	SPF/NUMBE 4/60 4/40 4/40 4/40  PROD  It. pumpingsize at x 1-1/2" x ROD'N. FOR EST PERIOD>	UCTION  dt type of pump) 10' x 14' RHAC  OIL-BBLS.  422	2-7/8"  ACID, SHOT, 1 ERVAL (MD)  4643'  4508'  -4068'  -3995'  C Pump  GASMCF.	FRACTUE AI Frac W Frac W Frac W WATER-	### A728   A728	TA @ 4623'  EZE, ETC.  MATERIAL USED and in 427 bbls fluid and in 533 bbls fluid and in 275 bbls fluid and in 300 bbls fluid and In
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(GB6) 40 (GB2&4) 30 (GB2&4) 30 (GB2&6) 40 (G	ORD (Interval) (C (D1) 040'-4046' 936'-3942'	I, size and number ) 4628'-4643' ) 4498'-4508' , 4064'-4068' , 3991'-3995'  PRODUCTIO	N METHOD  CHOKI CHOKI CHOKI CHOKI CHOKI	ZE 1" 1" 1" 1" 1" 1" 2-1/2" E SIZE PI TI JLATED JR RATE	PROD  A,440  4/40  4/40  4/40  A,40  A,40	UCTION  dt type of pump) 10' x 14' RHAC  OIL-BBLS.  422	2-7/8"  ACID, SHOT, 1 ERVAL (MD)  4643'  4508'  -4068'  -3995'  C Pump  GASMCF.	FRACTUE AI Frac W Frac W Frac W WATER-B	### A728  RE, CEMENT SQUE  MOUNT AND KIND OF  ### 57,701# 20/40 sa  ### 28,155# 20/40 sa  ### 29,409# 20/40 sa  #### WELL ST  P  -BBL.  161  BBL.  OIL GRAVIT	TA @ 4623'  EZE, ETC.  MATERIAL USED and in 427 bbls fluid and in 533 bbls fluid and in 275 bbls fluid and in 300 bbls fluid and In
(GB6) 40 (GB2&4) 39 (G	ORD (Interval) (C) (D1) (040'-4046') (936'-3942') (DN) (ERVAL) (C) (D1) (A) (A) (C) (D1) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	I, size and number ) 4628'-4643' ) 4498'-4508' , 4064'-4068' , 3991'-3995'  PRODUCTION OURS TESTED  ASING PRESSURI	SUM SA SOLIC	ZE 1" 1" 1" 1" 1" 2-1/2" E SIZE PITI	PROD 1. pumping-size at X 1-1/2" X ROD'N. FOR EST PERIOD OIL-BBL.	UCTION  dtype of pump) 10' x 14' RHAC  OIL-BBLS.  42  GAS-MCF.	2-7/8"  ACID, SHOT, 1 ERVAL (MD)  4643'  4508'  4068'  -3995'  C Pump  GASMCF.  13	FRACTUE AI Frac W Frac W Frac W WATER-B	### A728  RE, CEMENT SQUE  MOUNT AND KIND OF  ### 57,701# 20/40 sa  ### 28,155# 20/40 sa  ### 29,409# 20/40 sa  #### WELL ST  P  -BBL.  161  BBL.  OIL GRAVIT	TA @ 4623'  EZE, ETC.  MATERIAL USED and in 427 bbls fluid and in 533 bbls fluid and in 275 bbls fluid and in 300 bbls fluid and In
(GB6) 40 (GB2&4) 30 (G	ORD (Interval) (C) (D1) (040'-4046') (936'-3942') (DN) (ERVAL) (C) (D1) (A) (A) (C) (D1) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	I, size and number ) 4628'-4643' ) 4498'-4508' , 4064'-4068' , 3991'-3995'  PRODUCTION OURS TESTED  ASING PRESSURI	SUM SA SOLIC	ZE 1" 1" 1" 1" 1" 2-1/2" E SIZE PITI	PROD 1. pumping-size at X 1-1/2" X ROD'N. FOR EST PERIOD OIL-BBL. Or Fuel	UCTION and type of pump) 10' x 14' RHAC OIL-BBLS.  GAS-MCF.	2-7/8"  ACID, SHOT, 1 ERVAL (MD)  4643'  4508'  4068'  -3995'  C Pump  GASMCF.  13	FRACTUE AI Frac W Frac W Frac W WATER-B	### A728  RE, CEMENT SQUE  MOUNT AND KIND OF  ### 57,701# 20/40 sa  ### 28,155# 20/40 sa  ### 29,409# 20/40 sa  #### WELL ST  P  -BBL.  161  BBL.  OIL GRAVIT	TA @ 4623'  EZE, ETC.  MATERIAL USED  and in 427 bbls fluid  and in 533 bbls fluid  and in 275 bbls fluid  and in 300 bbls fluid  TATUS (Producing or shut-in)  PRODUCING  GAS-OIL RATIO  310  TY-API (CORR.)

\*(See Instructions and Spaces for Additional Data on Reverse Side)

File 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any files, ficilitious or frandulen statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and 38. GEOLOGIC MARKERS recoveries); FORMATION TOP воттом DESCRIPTION, CONTENTS, ETC. TOP NAME TRUE VERT. DEPTH MEAS. DEPTH Well Name Garden Gulch Mkr 3468' Jonah Federal 15-14-9-16 Garden Gulch 1 3676' Garden Gulch 2 3788' Point 3 Mkr 4056' X Mkr 4302' Y-Mkr 4336' Douglas Creek Mkr 4456' BiCarbonate Mkr 4694' B Limestone Mkr 4806' Castle Peak 4907' Basal Carbonate 5757' Total Depth (LOGGERS 5927'

# DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: No	ewfield Production Company	_ Well:_	Jonah Federal 15-14-9-16
Location:	14/9S/16E	API:	43-013-32689

Ownership Issues: The proposed well is located on BLM land. The well is located in the Jonah Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the Jonah Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 302 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 5,910 feet. A cement bond log demonstrates adequate bond in this well up to 2,932 feet. A 2 7/8 inch tubing with a packer will be set at 3,901. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells in the area of review. All of the wells have evidence of adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 2,400 feet. Injection shall be limited to the interval between 3,788 feet and 5,757 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 15-14-9-16 well is .92 psi/ft. which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,891 psig. The requested maximum pressure is 1,891 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Jonah Fed. 15-14-9-16 page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Jonah Unit January 13, 1993. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

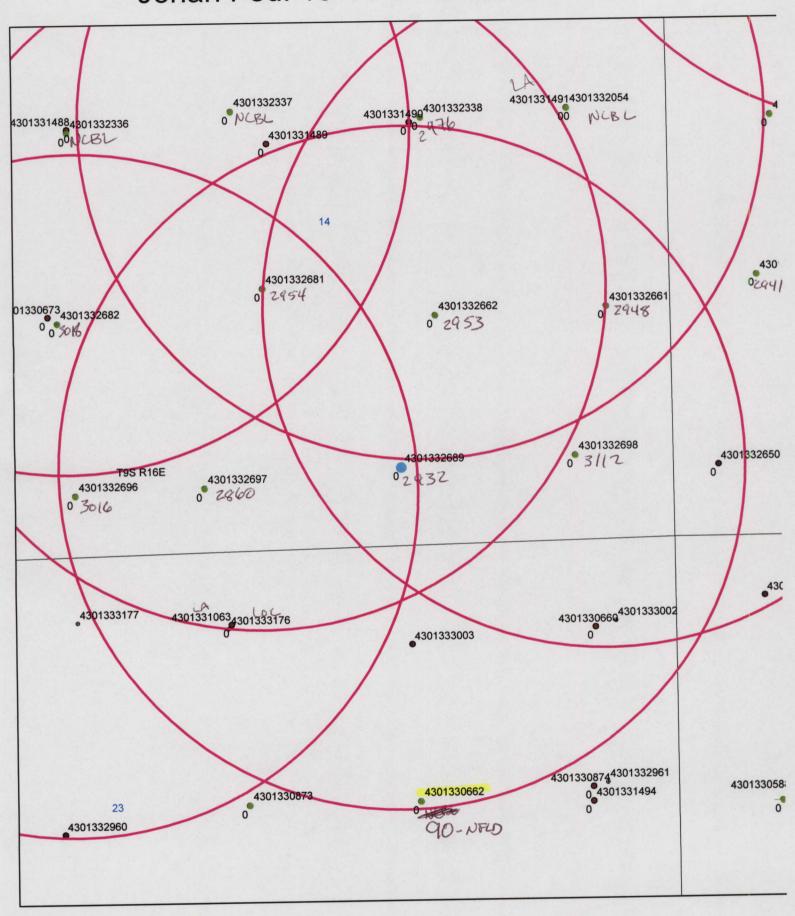
**Bonding:** Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

	D 1 TT'11	D.4.	09/20/2006	
Reviewer(s):_	Brad Hill	 Date	08/29/2006	_

# Jonah Fed. 15-14-9-16 UIC-331.3





March 17, 2006

Mr. Dan Jarvis State of Utah Division of Oil, Gas and Mining Post Office Box 145801 Salt Lake City, Utah 84114-5801

RE:

Permit Application for Water Injection Well Jonah Federal #15-14-9-16

Monument Butte Field, Jonah Unit, Lease #UTU-096547

Section 14 -Township 9S-Range 16E

Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Jonah Federal #15-14-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field. Jonah Unit.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely

Jand Dely David Gerbig

**Operations Engineer** 

MAR 2 9 2006

# NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL JONAH FEDERAL #15-14-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

JONAH UNIT

LEASE #UTU-096547

MARCH 17, 2006

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#### STATE OF UTAH DIVISION OF OIL, GAS AND MINING

OPERATOR ADDRESS

### APPLICATION FOR INJECTION WELL - UIC FORM 1

Newfield Production Company 1401 17th Street, Suite 1000

Denver, Colorado 80202

	ber:	Jonah Fed	eral #15-14	-9-16					
Field or Unit name:		Monument E	Butte (Green	River), Jonah	Unit		Lease No.	UTU-0965	547
Well Location: QQ	SW/SE	section	14	township	98	_range	16E	. county	Duchesne
Is this application for	expansion o	f an existing	project?			Yes [X]	No [ ]		
Will the proposed we	ell be used for	<del>"</del> :	Disposal?	Recovery?		Yes[] N	۱o [ X ]		
Is this application for If this application is f has a casing test b Date of test:  API number: 43	or an existing	well,	?  -  -						
Proposed injection in Proposed maximum Proposed injection z mile of the well.	injection:	from rate [x ] oil, [ ] ga		_ to _pressure _] fresh wate	5757' 1891 er within 1/2	_psig 2			
	IMPOR	TANT:		information by this form.	as required	by R615-	5-2 should		
List of Attachments:		Attachmer	nts "A" throu	ıgh " <u>H-1"</u>					
I certify that this repo	ort is true and id Gerbig		the best of	my knowled Signature Date	ge.	12.06	Den	ly -	_
Name: <u>Dav</u>	erations Engir 3) 893-0102	eer		_		<i>V ()</i> •	·		

# Jonah Federal 15-14-9-16

Initial Production: BOPD 42. Spud Date: 5-4-05 MCFD 13, BWPD 161 Put on Production: 6-10-05 Proposed Injection Wellbore Diagram GL: 5631' KB: 5643' FRAC JOB 4628-4643 Frac C sand as follows: 6-1-05 57.701#'s 20/40 sand in 427 bbls Lightning 17 frac fluid. Treated @ avg press of 2180 psi w/avg rate of 24.5 BPM. ISIP 3700 psi. Screened out short of flush. SURFACE CASING Frac D1 sand as follows: 6-2-05 4498-4508 CSG SIZE: 8-5/8" 69,795#'s 20/40 sand in 533 bbls Lightning 17 frac fluid. Treated @ avg press of 1589 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc GRADE: J-55 WEIGHT: 24# flush: 4496 gal. Actual flush: 4200 gal. LENGTH: 7 jts. (302-46') FracGB6 sand as follows: Cement top @ 410' 6-2-05 4040-4068 DEPTH LANDED: 314.31' KB 28,155#'s 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2233 psi w/avg rate of 24.6 BPM. ISIP 3450 psi. HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. Screened out short of flush. Frac GB2 & GB4 sand as follows: 6-6-05 3936-3942' 29,409#'s 20/40 sand in 300 bbls Lightning PRODUCTION CASING 17 frac fluid. Treated @ avg press of 1930 psi w/avg rate of 24.4 BPM. ISIP 1900 psi. Calc CSG SIZE: 5-1/2" flush: 3934 gal. Actual flush: 3881 gal. GRADE: J-55 WEIGHT: 15.5# LENGTH: 139 jts. (5888.88') DEPTH LANDED:5902.13' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ. CEMENT TOP AT: 410' TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 138 jts (4611.46') TUBING ANCHOR: 4623.46' KB NO. OF JOINTS: 1 jts (33.31') SEATING NIPPLE: 2-7/8" (1.10') Packer @ 3901 SN LANDED AT: 4659.57' KB 3936'-3942' NO. OF JOINTS: 2 jts (66.86') 3991`-3995` TOTAL STRING LENGTH: EOT @ 4727.98' KB 4040'-4046' 4064'-4068' PERFORATION RECORD 4628-4643' 4 JSPF 60 holes 5-25-05 4 JSPF 40 holes 6-2-05 4498-4508 4040-4046\* 4 JSPF 24 holes 6-2-05 16 holes 4064-4068 4 JSPF 6-2-05 4498\*-4508 6-2-05 3991-3995 4 JSPF 16 holes 3936-3942 4 JSPF 24 holes 6-2-05 4628 - 4643 NEWFIELD PBTD (d) 5768\* Jonah Federal 15-14-9-16 SHOE @ 5902 610° FSL & 2096° FEL SW/SE Section 14-T9S-R16E TD @ 5910 Duchesne Co, Utah

API #43-013-32689; Lease #UTU-096547

#### WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

# REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
  - 2.1 The name and address of the operator of the project.

Newfield Production Company 1401 17<sup>th</sup> Street, Suite 1000 Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Jonah Federal #15-14-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Jonah Unit.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Jonah Federal #15-14-9-16 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3788' - 5757'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 3788' and the Castle Peak top at 4907'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Jonah Federal #15-14-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

FEO

This proposed injection well is on a see lease (Lease #UTU-096547) in the Monument Butte (Green River) Field, Jonah Unit, and this request is for administrative approval.

# REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24#, J-55 surface casing run to 314' GL, and 5-1/2" 15.5# J-55 casing run from surface to 5902' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

#### The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1891 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Jonah Federal #15-14-9-16, for existing perforations (3936' - 4643') calculates at 0.92 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1891 psig. We may add additional perforations between 3788' and 5927'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Jonah Federal #15-14-9-16, the proposed injection zone (3788' - 5757') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-8.

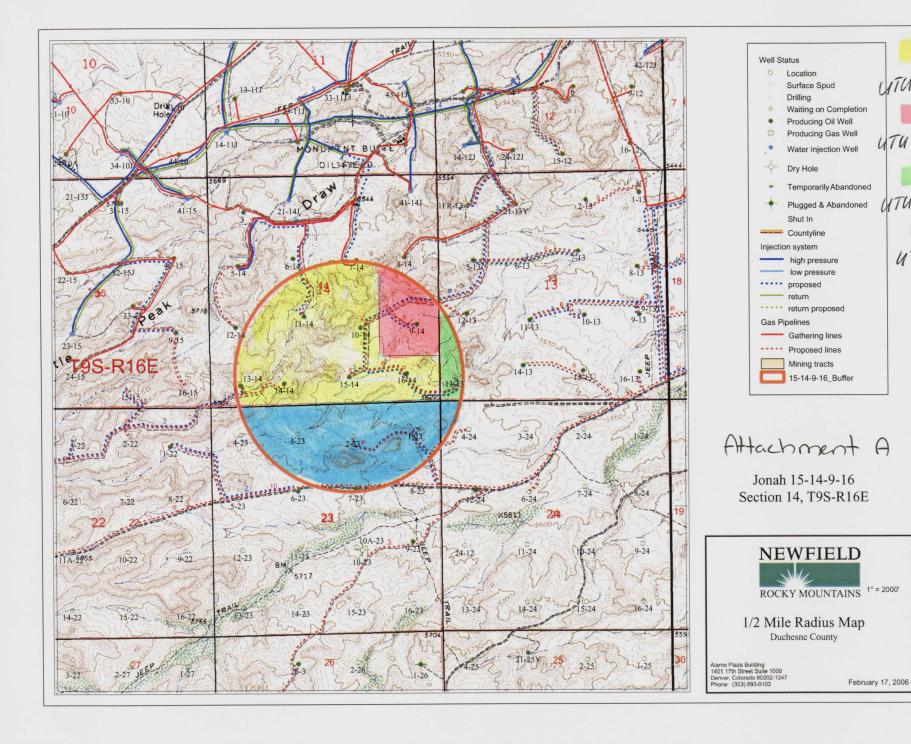
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

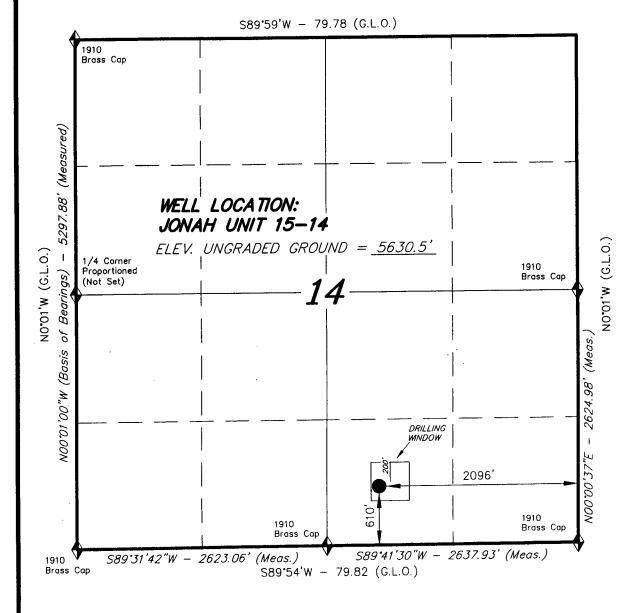


414-096547

UTU-096550

UTU-64805 UTU-15855

# T9S, R16E, S.L.B.&M.





= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

## INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 15-14, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 14, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

Attachment A-1

THIS IS TO CERTIFY THAT THE ABOVE PEAL WAS PREPARED FROM FIELD OF ACTUM SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND FORRECT TO THE BEST OF MY KNOWLEDGE AND FELIEF No.189377

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. – VERNAL, UTAH 84078 (435) 781–2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 8-1-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

# EXHIBIT B Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 9 South, Range 16 East Section 11: W/2SW/4, SE/4SW/4 Section 14: SW/4NE/4, SE/4SE/4, W/2	UTU-096547 HBP SE/4, W/2	Newfield Production Company	(Surface Rights) USA
2	Township 9 South, Range 16 East Section 11: E/2, NW/4, NE/4SW/4 Section 12: NW/4 Section 14: N/2NE/4, SE/4NE/4, NE/4	UTU-096550 HBP SE/4	Newfield Production Company	(Surface Rights) USA
3	Township 9 South, Range 16 East Section 23: E/2, NW/4, E/2SW/4 NW/4SW/4 Section 24: N/2, SW/4, N/2SE/4, SW/4	UTU-15855 HBP 4SE/4	Newfield Production Company El Paso Production Oil & Gas Co. Rust to Gold, LLC	(Surface Rights) USA
3	Township 9 South, Range 16 East Section 13: S/2, S/2N/2, NE/4NW/4 NW/4NE/4	UTU-64805 HBP	Newfield Production Company Yates Petroleum Corporation Yates Drilling Company Myco Industries, Inc. ABO Petroleum Corporation	(Surface Rights) USA

#### ATTACHMENT C

### CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE:	Application for Approval of Class II Injection Well Jonah Federal #15-14-9-16
I hereby one-half	certify that a copy of the injection application has been provided to all surface owners within a f mile radius of the proposed injection well.
Signed:	Newfield Production Company David Gerbig Operations Engineer
Sworn t	to and subscribed before me this $22$ day of March. 2006.
Notary	Public in and for the State of Colorado: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Му Сог	My Commission Expires  05/05/2009

### Jonah Federal 15-14-9-16

Initial Production: BOPD 42, Spud Date: 5-4-05 MCFD 13, BWPD 161 Wellbore Diagram Put on Production: 6-10-05 GL: 5631' KB: 5643' FRAC JOB Frac C sand as follows: 6-1-05 4628-4643 57,701#'s 20/40 sand in 427 bbls Lightning 17 frac fluid. Treated @ avg press of2180 psi SURFACE CASING w/avg rate of 24.5 BPM. ISIP 3700 psi. Screened out short of flush CSG SIZE: 8-5/8" Frac D1 sand as follows: 6-2-05 4498-4508 GRADE: J-55 69,795#'s 20/40 sand in 533 bbls Lightning 17 frac fluid. Treated @ avg press of 1589 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 4496 gal. Actual flush: 4200 gal. WEIGHT: 24# LENGTH: 7 jts. (302-46') DEPTH LANDED: 314.31' KB Cement top @ 410' FracGR6 sand as follows: 6-2-05 4040-4068 HOLE SIZE:12-1/4" 28,155#'s 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2233 psi CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. w/avg rate of 24.6 BPM. ISIP 3450 psi. Screened out short of flush. 6-6-05 3936-3942' Frac GB2 & GB4 sand as follows: 29,409#'s 20/40 sand in 300 bbls Lightning PRODUCTION CASING 17 frac fluid. Treated @ avg press of 1930 psi w/avg rate of 24.4 BPM. ISIP 1900 psi. Calc flush: 3934 gal. Actual flush: 3881 gal. CSG SIZE: 5-1/2' GRADE: J-55 WEIGHT: 15.5# LENGTH: 139 jts. (5888.88') DEPTH LANDED:5902.13' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ. CEMENT TOP AT: 410° **TUBING** SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 138 jts (4611.46') TUBING ANCHOR: 4623.46° KB NO. OF JOINTS: 1 jts (33.31') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4659.57' KB 3936'-3942' NO. OF JOINTS: 2 its (66.86') TOTAL STRING LENGTH: EOT @ 4727.98' KB 3991'-3995' 4040'-4046' 40641-40681 PERFORATION RECORD SUCKER RODS 4628-4643 60 holes 40 holes 6-2-05 4498-4508 4 JSPF POLISHED ROD: 1-1/2" x 22" 6-2-05 4040-4046' 4 JSPF 24 holes SUCKER RODS: 4', 4', 6', 8', x ¾" pony rods, 99- ¾" guided rods, 70- ¾" 4 JSPF 16 holes 6-2-05 4064-4068 plain rods, 10-3/11 guided rods, 6-1 1/2" K-bars, 4498'-4508' 3991-3995 4 JSPF 16 holes PUMP SIZE: 2-1/2" x 1-1/2" x 10' x 14' RHAC 4 JSPF 24 holes 6-2-05 3936-3942 STROKE LENGTH: 86" PUMP SPEED, SPM: 5 SPM Anchor @ 4624' 4628\*-4643\* SN @ 4660° EOT @ 4728\* PBTD @57681 Jonah Federal 15-14-9-16 SHOE @ 5902 610' FSL & 2096' FEL SW/SE Section 14-T9S-R16E TD @ 5910° Duchesne Co, Utah API #43-013-32689; Lease #UTU-096547

Initial Production: 160 BOPD,

#### Jonah #7-14-9-16

Spud Date: 5/11/03 160 MCFPD, 51 BWPD Put on Production: 3/25/04 Wellbore Diagram GL: 5570' KB: 5582' FRAC JOB SURFACE CASING Frac A3 sands as follows: 3/19/04 4996`-5024 CSG SIZE: 8-5/83 100,024# 20/40 sand in 713 bbls lightning Frac 17 fluid. Treated @ avg press of 2152 psi w/avg rate of 24.6 BPM. ISIP 2520 psi. GRADE: J-55 WEIGHT: 24# Top of Cement @ 170 Calc flush: 4994 gal. Actual flush: 4998 gal. DEPTH LANDED: 311.89° Frac B2 sands as follows: 3/19/04 48281-4844 69,957,# 20/40 sand in 536 bbls lightning Frac HOLE SIZE:12-1/4" 17 fluid. Treated @ avg press of 1857 psi CEMENT DATA: 150 sxs Class G mixed, est 5 bbls cmt to surf w/avg rate of 24.7 BPM. ISIP 2110 psi. Calc flush: 4826 gal. Actual flush: 4830 gal. Frac C sands as follows: 3/19/04 4692'-4711' 50,348# 20/40 sand in 417 bbls lightning Frac 17 fluid. Treated @ avg press of 1987 psi w/avg rate of 31.1 BPM. ISIP 2100 psi. Calc PRODUCTION CASING CSG SIZE: 5-1/2° flush: 4690 gal. Actual flush: 4704 gal. GRADE: J-55 3/19/04 4627' - 4655 Frac D3 sands as follows: 24,818# 20/40 sand in 268 bbls lightning WEIGHT: 15.5# Frac17 fluid. Treated @ avg press of 2542 psi w/avg rate of 24.6 BPM. ISIP 2070 psi. Calc flush: 4625 gal. Actual flush: 4620 gal. LENGTH: 132 jts. 5876.88' DEPTH LANDED: 5875.38° Frac GB6 & GB4 sands as follows: HOLE SIZE: 7-7/8" 3/19/04 4036 - 4092 39,524# 20/40 sand in 346 bbls lightnin CEMENT DATA: 376 sxs Premlite II mixed & 400 sxs 50/50 poz Frac I7 fluid. Treated @ avg press of 2210 psi w/avg rate of 24.6 BPM. ISIP 1750 psi. Calc flush: 4034 gal. Actual flush: 3948 gal. CEMENT TOP AT: 170° TUBING 4036 - 4040 SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5# 4083'-4092 NO. OF JOINTS: 158 its. (4958.90') TUBING ANCHOR: 4971.40 NO. OF JOINTS: 1 jts. (31.54') SEATING NIPPLE: 2 7/8" (1.10') SN LANDED AT: 5005.74' NO. OF JOINTS: 2 jts. (62.95') TOTAL STRING LENGTH: EOT @ 5070.24 4627'-4630' 46491-46551 4692`-4711` SUCKER RODS PERFORATION RECORD POLISHED ROD: 1 1/2" x 22" 112 holes 4 JSPF SUCKER RODS: 6- 1 1/2" weighted rods, 10 - 3/4" scrapered rods, 86 - 3/4" 3/17/04 49961-50241 4828"-4844" 4 JSPF 64 holes plain rods, 99 - 3/4" scrapered rods, 1-4" & 1-2"x 3/4" pony rods 3/19/04 4692`-4711` 4JSPF 76 holes 3/19/04 PUMP LENGTH: 2 1/2" x 1 1/2" x 14.5' RHAC 3/19/04 4649'-4655' 41SPF 24 holes 48281-4844 4627' -4630' 4083' -4092' 12holes 3/19/04 4 JSPF STROKE LENGTH: 84" 4JSPF 36 holes Anchor @ 4971 3/19/04 PUMP SPEED, SPM: 6 4036 - 4040 4JSPF 16 holes 3/19/04 LOGS: DIL/SFL/FDC/CNL/CBL 4996"-5024" SN @ 5006 EOT @ 5070" NEWFIELD PBTD @ 5855 JONAH 7-14-9-16 1944' FNL & 1892' FEL SHOE @ 5875" SW/NE Section 14. T9S R16E TD @ 58901 DUCHESNE CO, UTAH API#43-013-32338; LEASE #UTU-096547

### Jonah Federal 9-14-9-16

Spud Date: 05/13/05 Put on Production: 06/15/05 GL: 5571' KB: 5583'

#### Wellbore Diagram

Initial Production: 46 BOPD, 111 MCFPD, 45 BWPD

FRAC JOB Frac CP4 and CP2 sand as follows: 06/07/05 5414'-5540' 40,739#'s of 20/40 sand in 416 bbls lightning 17 frac fluid. Treated w/avg press Cement top @ 160 of 1595 psi, w/avg rate of 24.9 bpm. ISIP 1780 psi. Cale flush: 5412 gal. Actual flush: SURFACE CASING CSG SIZE: 8-5/8' 5166 gal. GRADE: J-55 06/07/05 4954\*-4973\* Frac A3 sand as follows: WEIGHT:24# 70,185#'s of 20/40 sand in 538 bbls lightning 17 frac fluid. Treated w/avg press of 1763 psi. LENGTH: 7 its. (304.57°) ISIP 2170 psi. Calc flush: 4952 gal. Actual DEPTH LANDED: 314.57 flush: 4704 gal. HOLE SIZE: 12-1/4" Frac B1 sand as follows: 06/08/05 4733'-4738' CEMENT DATA: 160 sks Class "G" cement, est. 6 bbls cement to surface 20,210#'s of 20/40 sand in 253 bbls lightning 17 frac fluid. Treated w/avg press of 2085 psi, w/ avg rate of 24.8 bpm. ISIP 2050 psi. Calc flush: 4731 gal. Actual flush: 4494 gal. PRODUCTION CASING CSG SIZE: 5-1/2" 06/08/05 4016'-4047' Frac GB6 sand as fellows: 38,754#'s of 20/40 sand in 347 bbls lightning GRADE: J-55 17 frac fluid. Treated w/avg press of 1704 psi w/avg rate of 24.7 bpm. ISIP 1840 psi. Calc flush: 4014 gal. Actual flush: 3948 gal. WEIGHT: 15.5# LENGTH: 136 jts. (5772.05°) DEPTH LANDED: 5770.05° KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sks Prem Lite II, 400 sks 50-50 Poz mix CEMENT TOP @ 160° TUBING SIZE/GRADE/WT.: 2 7/8" / 6.5# / J-55 4016`-4024 NO. OF JOINTS: 169 jts. (5498.71') 40421-4047 TUBING ANCHOR: 5510.71' KB NO. OF JOINTS: 1 jt. (32.55') SN LANDED AT: 1.10' (5546.06') NO. OF JOINTS: 2 its. (65.66°) TOTAL STRING LENGTH: 5612.77° w/ 12° KB ± 47331-47381 SUCKER RODS 4954`-4973` POLISHED ROD: 1 1/2" x 22" SUCKER RODS: 1-8", 1-2" X 3/4" pony rods, 100-3/4" scrapered rods, 105-3/4" plain rods, 10-3/4" scrapered rods, 6-1 1/2" weight rods PERFORATION RECORD 06/01/05 5531"-5540" 4 JSPF 36 holes 5414"-5419" 4 JSPF 20 holes PUMP SIZE: 2 1/2" x 1 1/2" x 14' RHAC w/sm plunger 06/01/05 06/07/05 4954\*-4973\* 4 JSPF 76 holes STROKE LENGTH: 86" 06/07/05 4733"-4738" 4 JSPF 20 holes 06/08/05 4042\*-4047\* 4 JSPF 20 holes PUMP SPEED, SPM: 5 SPM 54141-5419 4016 - 4024 4 JSPF 32 holes LOGS: CBL Anchor @ 5511 55311-5540 SN @ 5546° NEWFIELD EOT @ 56131 Jonah Federal 9-14-9-16 PBTD: 5726 1785' FSL & 508' FEL SHOE: 5770 NE/SE Section 14-T9S-R16E TD: 58201 Duchesne Co. Utah API 43-013-32661; Lease UTU-096550

### Jonah Federal 10-14-9-16

Initial Production: 55 BOPD, Spud Date: 5-18-05 Put on Production: 6-23-05 Wellbore Diagram 22 MCFD, 232 BWPD GL: 5607 KB: 5619 FRAC JOB SURFACE CASING 6-15-05 5109-5139 Frac LODC sand as follows: CSG SIZE: 8-5/8" 40770#'s 20/40 sand in 380 bbls Lightning GRADE: J-55 17 frac fluid. Treated @ avg press of 3040 psi w/avg rate of 24.3 BPM. ISIP 2950 psi. Calc WEIGHT: 24# flush: 5107 gal. Actual flush: 4872 gal. LENGTH: 7 jts. (303') Frac A3 sand as follows: 6-15-05 4980-5007 DEPTH LANDED: 314.85° KB 110,559#'s 20/40 sand in 774 bbls Lightning 17 frac fluid. Treated @ avg press of 1950 psi HOLE SIZE:12-1/4" w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf flush: 4978 gal. Actual flush: 4746 gal. Frac B2, sand as follows: 6-16-05 4808-4817 40877#'s 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2399 psi w/avg rate of 25.1 BPM. ISIP 2300 psi. Calc flush: 4806 gal. Actual flush: 4536 gal. 6-16-05 3937-3946 Frac GB2 sand as follows: PRODUCTION CASING 29376#'s 20/40 sand in 281 bbls Lightning 17 frac fluid. Treated @ avg press of 1585 psi CSG SIZE: 5-1/2" w/avg rate of 14.3 BPM. ISIP 2100 psi. Calc 3937-3946 GRADE: J-55 flush: 3935 gal. Actual flush:3864 gal. WEIGHT: 15.5# LENGTH: 137 jts. (5796.74') DEPTH LANDED: 5809.99' KB HOLE SIZE: 7-7/8" CEMENT DATA: 3 10 sxs Prem. Lite II & 400 sxs 50/50 POZ. 4653-46631 CEMENT TOP 4808-4817 TUBING 4980-5007 SIZE/GRADE/WT.: 2-7/8" / J-55 NO OF JOINTS: 156 its (5079.07') TUBING ANCHOR: 5091.07' KB NO. OF JOINTS: 2 jts (64.14') SEATING NIPPLE: 2-7/8" (1.10') Anchor @5091 SN LANDED AT: 5158.01' KB NO. OF JOINTS: 2 jts (65.04') 5109-51131 TOTAL STRING LENGTH: EOT @ 5224.60° KB 5131-5139 PERFORATION RECORD SUCKER RODS SN @ 5158 6-10-05 5109-5113\*\* 16 holes 4 JSPF 32 holes 6-10-05 5131-5139" POLISHED ROD: 1-1/2" x 22" 6-13-05 4808-4817 4 JSPF 36 holes SUCKER RODS: 1-8°, 1-6° & 1-2° 34° ponies, 99- 3/4° scrapered rods, 90-3/4° plain rods, 10-3/4° scrapered rods, 6-1 1 1/2° weighted rods. EOT @ 5225 6-13-05 4980-5007 4 ISPF 108 holes 6-16-05 3937-3946 4 JSPF 36 holes PUMP SIZE: 2-1/2" x 1-1/2" x 15" RHAC w/ SM plunger 4 JSPF 40 holes 0-16-05 4653-4663 STROKE LENGTH: 86 PUMP SPEED, 5 SPM NEWFIELD PBTD:@: 5766 Jonah Federal 10-14-9-16 SHOE @ 5810 1730' FSL & 1820' FEL NW/SE Section 14-T9S-R16E TD @ 5862"

Duchesne Co, Utah API#43-013-32662: Lease #UTU-96547

# Jonah Federal 11-14-9-16

Spud Date: 5/25/05 Put on Production: 6/24/05 GL: 5621' KB: 5633'

API #43-013-32681, Lease #UTU-096547

Wellbore Diagram

Initial Production: 115 BOPD, 15 MCFD, 114 BWPD

#### FRAC JOB Frac CP3 sands as follows: 6/20/05 5557'-5572' 55,674# 20/40 sand in 483 bbls Lightning 17 frac fluid. Treated @ avg press of 1748 psi w/avg rate of 25.2 BPM. ISIP 1850 psi. Calc Cement top @ 140 SURFACE CASING flush: 5555 gal. Actual flush: 5544 gal. CSG SIZE: 8-5/8" Frac A3 sands as follows: 6/20/05 4982'-5007 GRADE: J-55 95,489# 20/40 sand in 692 bbls Lightning 17 frac fluid. Treated @ avg press of 2096 psi w/avg rate of 24.9 BPM. ISIP 2330 psi. Calc flush: 4980 gal. Actual flush: 4998 gal. WEIGHT: 24# LENGTH: 7 jts. (304.17°) DEPTH LANDED: 314.17° KB Frac C&B1 sands as follows: 6/20/05 4675`-4754` 62,157# 20/40 sand in 479 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1650 psi w/avg rate of 25 BPM. ISIP 1920 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. flush: 4673 gal. Actual flush: 4578 gal. PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 138 jts. (5835.87°) DEPTH LANDED: 5833.87' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ. CEMENT TOP AT: 140° TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 177 jts (5530.92') TUBING ANCHOR: 5542.92' KB NO. OF JOINTS: 2 jts (62.20') SN LANDED AT: 1.10" (5607.92") NO, OF JOINTS: 2 jts. (62.561) TOTAL STRING LENGTH: EOT @ 5672.03' KB 46751-4685 47491-4854 PERFORATION RECORD SUCKER RODS 6/14/05 5557`-5572` 4 ISPF 60 holes 49821-5007 4 JSPF 100 holes 6/20/05 49821-50071 POLISHED ROD: 1-1/2" x 22" pl rd 6/20/05 4749\*+4754\* 20 holes 4 JSPF SUCKER RODS: 6 1-1/2" weight bars; 10-3/4" guided rods; 108-3/4" plain 6/20/05 4675\*-4685\* 4 JSPF 40 holes rods; 100-3/4" guided rods; 2-3/4" pony rods, 1-2'x3/4" pony rod, PUMP SIZE: 2-1/2" x 1-1/2" x 10'x14' RHAC STROKE LENGTH: 86" PUMP SPEED, SPM: 5 SPM Anchor @ 5543 55571-55721 SN @ 5608 EOT @ 56721 NEWFIELD PBTD @ 5790" Jonah Federal 11-14-9-16 SHOE @ 5834 2030° FSL & 2160° FWL NE/SW Section 14-T9S-R16E TD @ 59351 Duchesne Co. Utah

# Jonah Federal 13-14-9-16

Spud Date: 5/21/05 Put on Production: 7/1/05

Duchesne Co. Utah

API #43-013-32696, Lease #UTU-096547

#### Wellbore Diagram

Initial Production: 171 BOPD, 14 MCFD, 151 BWPD

#### GL: 5758' KB: 5780' FRAC JOB Frac CP5 sands as follows: 6-27-05 5730-5746 58406# 20/40 sand in 503 bbls Lightning 17 frac fluid. Treated @ avg press of 1678 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc SURFACE CASING flush: 5728 gal. Actual flush: 5712 gal. CSG SIZE: 8-5/8" Frac CP1 sands as follows: 6-27-05 5458-5482 GRADE: J-55 78805# 20/40 sand in 609 bbls Lightning 17 frac fluid. Treated @ avg press of 1654 psi WEIGHT: 24# w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 5456 gal. Actual flush: 5462 gal. LENGTH: 7 jts. (303.95') Cement top @ 450' DEPTH LANDED: 313.95° KB 6-27-05 5025-5050 Frac A1/A3 sands as follows: 108479# 20/40 sand in 876 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1560 psi w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc flush: 5023 gal. Actual flush: 5082 gal. CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. Frac B2 & B1 sands as follows: 6-27-05 4814-4871 PRODUCTION CASING 43548# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 1606 psi w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc flush: 4812 gal. Actual flush: 4872 gal. CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# Frac C sands as follows: 6-27-05 4726-4742 68949# 20/40 sand in 538 bbls Lightning 17 LENGTH: 137 jts. (5925.19°) trac fluid. Treated @ avg press of 1590 psi w/avg rate of 24.5 BPM. ISIP 2100 psi. Calc DEPTH LANDED: 5923.19' KB flush: 4724 gal. Actual flush: 4704 gal. HOLE SIZE: 7-7/8" Frac GB4 sands as follows: CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ. 6-27-05 4057-4062 12976# 20/40 sand in 203 bbls Lightning 17 CEMENT TOP AT: 450° frac fluid. Treated @ avg press of 1956 psi w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc flush: 4055 gal. Actual flush: 4704 gal. TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 182 jts TUBING ANCHOR: 5697' KB 4057-4062 NO. OF JOINTS: 2 jts SN LANDED AT: 1.10' NO. OF JOINTS: 1 jt. TOTAL STRING LENGTH: EOT @ 5795' w/12' KB 4726-4742 4814-4824 4867-4871 PERFORATION RECORD SUCKER RODS 5025-5050 6-22-05 5730-5746 4 JSPF 64 holes 6-27-05 5458-5482' 4 JSPF 96 holes POLISHED ROD: 1 1/2" x 22" SUCKER RODS: 1-8°, 1-6°, 1-4° X 3/4° peny rods, 1-3/4° slick rod, 99-3/4° guided rods, 112-3/4° slick rods, 10-3/4° guided rods, 6-1 1/2° weight rods 6-27-05 5025-50501 4 ISPE 100 holes 6-27-05 4867-48711 4 JSPF 16 holes 5458-54821 6-27-05 4814-4824 4 JSPF 40 holes PUMP SIZE: 2 1/2" x 1 1/2" x 10 x 14' RHAC 6-27-05 4726-4742 4 JSPF STROKE LENGTH: 86" 6-27-05 4057-4062 4 JSPF 20 holes PUMP SPEED, SPM: 6 SPM Anchor @ 5697 5730-5746 Е EOT @ 5795 NEWFIELD PBTD @ 5879 Jonah Federal 13-14-9-16 SHOE @ 5923 484' FSL & 688' FWL SW/SW Section 14-T9S-R16E

TD @ 59351

#### Jonah Federal 14-14-9-16

BOPD, Spud Date: 10-11-05 Initial Production: MCFD, BWPD Put on Production: 11-22-05 Wellbore Diagram GL: 5740' KB: 5752' FRAC JOB SURFACE CASING Frac CP1, & CP2 sands as follows: 11-14-05 5470-5520 CSG SIZE: 8-5/8" 30835# 20/40 sand in 393 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2008 psi w/avg rate of 25 BPM. ISIP 1850 psi. Calc Cement top @ 260' WEIGHT: 24# flush: 5468 gal. Actual flush: 5460 gal. LENGTH: 7 jts. (301.68') Frac A1 sands as follows: 11-15-05 5050-5072 DEPTH LANDED: 312.58' KB 100886# 20/40 sand in 724 bbls Lightning 17 frac fluid. Treated @ avg press of 1800 psi w/avg rate of 25.1 BPM. ISIP 2130 psi. Calc flush: 5048 gal. Actual flush: 5082 gal. HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. 11-15-05 4828-4839 Frac B1 sands as follows: 70362# 20/40 sand in 537 bbls Lightning 17 frac fluid. Treated @ avg press of 1905 psi w/avg rate of 25.1 BPM. ISIP 2060 psi. Calc flush: 4826 gal. Actual flush: 4872 gal. PRODUCTION CASING 11-15-05 4596-4604 Frac D1 sands as follows: CSG SIZE: 5-1/2' 28955# 20/40 sand in 336 bbls Lightning 17 frac fluid. Treated @ avg press of 1758 w/ GRADE: J-55 avg rate of 14.5 BPM. ISIP 1900 psi. Calc flush: 4594 gal. Actual flush: 4518 gal. WEIGHT: 15.5# LENGTH: 130 jts. (5761.28') 11-15-05 4044-4142 Frac GB4, & GB6 sands as follows: DEPTH LANDED: 5774.53° KB 31600# 20/40 sand in 333 bbls Lightning 17 frac fluid. Treated @ avg press of 1790 w/avg HOLE SIZE: 7-7/8" rate of 25.1 BPM. ISIP 1770 psi. Calc CEMENT DATA: 350 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ. flush: 4042 gal. Actual flush: 3948 gal CEMENT TOP AT: 260° 4044-4050 TUBING 4137-4142 SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 168 jts (5471.76') 4596-4604 TUBING ANCHOR: 5481.76° KB NO. OF JOINTS: 1 jts (32.55') 4828-4839 SEATING NIPPLE: 2-7/8" (1.10") SN LANDED AT: 5517.11' KB 5050-5072 NO. OF JOINTS: 2 jts (64.74°) TOTAL STRING LENGTH: EOT @ 5583.40' KB 5470-5479 Anchor @ 5481.76 PERFORATION RECORD SUCKER RODS SN 5517.11' 11-10-05 5508-55201 4 JSPF 48 holes 5470-54791 4 JSPF 36 holes 11-10-05 5508-5520 POLISHED ROD: 1-1/2" x 22" SM 11-14-05 5050-50721 4 JSPF 88 holes SUCKER RODS: 1-6" & 1-2" X 3/4" pony rods, 94-3/4" scrapered rods, 110-3/4" 11-15-05 4828-48391 4 JSPF 44 holes plain rods, 10- 3/4" scrapered rods 6-1 15" weight rods. 11-15-05 4596-4604 4 ISPF 32 holes PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC w/SM plunger 11-15-05 4137-41421 4 JSPF STROKE LENGTH: 86" 24 holes 11-15-05 4044-4050" 4 JSPF PUMP SPEED, SPM: 6 SPM EOT @ 5583.40° PBTD @ 5729° NEWFIELD SHOE @ 5770 Jonah Federal 14-14-9-16 TD @ 5800 507' FSL & 1684' FWI SE/SW Section 14-T98-R16E Duchesne Co. Utah

API #43-013-32697; Lease #UTU-96547

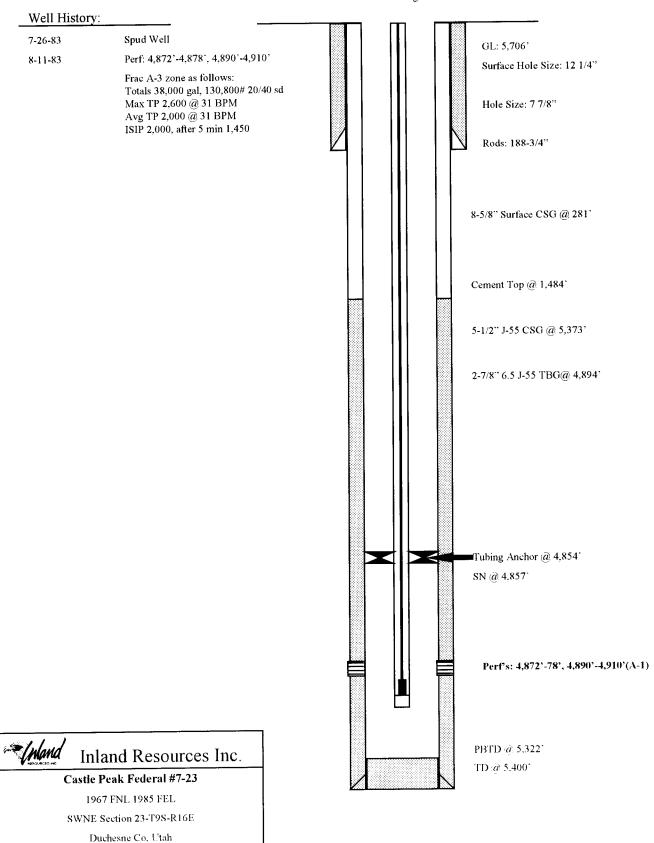
### Jonah Federal 16-14-9-16

BOPD. Initial Production: Spud Date: 10-14-05 MCFD, BWPD Put on Production: 11-14-05 Wellbore Diagram GL: 5626' KB: 5638' FRAC JOB SURFACE CASING 11-08-05 5374-5380 Frac CP2 sands as follows: CSG SIZE: 8-5/8" 24617# 20/40 sand in 360 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2689 psi Cement top @ 270° w/avg rate of 24.8 BPM. ISIP 3370 psi. Calc WEIGHΓ: 24# flush: 5372 gal. Actual flush: 4956 gal. LENGTH: 7 jts (302.62') Frac LODC sands as follows: 11-08-05 5122-5132 DEPTH LANDED: 310.02° KB 34329# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 2632 psi w/avg rate of 24.8 BPM, ISIP 2720 psi. Calc HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. flush: 5120 gal. Actual flush: 4830 gal. 11-09-05 4916-4954 Frac A1, & A3 sands as follows: 75312# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 1787 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 4914 gal. Actual flush: 3906 gal. PRODUCTION CASING Frac GB6 sands as follows: 11-09-5 4036-4042 CSG SIZE: 5-1/2" 25272# 20/40 sand in 301 bbls Lightning 17 frac fluid. Treated @ avg press of 2043 w/ avg rate of 24.7 BPM. ISIP 1830 psi. Calc GRADE: J-55 WEIGHT: 15.5# flush: 4034 gal. Actual flush: 3948 gal. LENGTH: 130 jts. (5790.42') DEPTH LANDED: 5803.67' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ. CEMENT TOP AT: 270° TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 4036-4042 NO. OF JOINTS: 166 jts (5347.02°) TUBING ANCHOR: 5359.02° KB NO. OF JOINTS: 1 jts (31.43°) SEATING NIPPLE: 2-7/8" (1.10') 4916-1921 SN LANDED AT: 5393.25' KB = 4942-4954° NO. OF JOINTS: 2 its (62.75°) TOTAL STRING LENGTH: EOT @ 5457.55' KB **5**122-5132 Ancher @ 5359 PERFORATION RECORD SUCKER RODS 11-01-05 5374-5380' 4 JSPF 24 holes SN 5393 **5374-5380**° 11-08-05 5122-5132 4 JSPF 40 holes POLISHED ROD: 1-1/2" x 22" SM 48 holes 11-08-05 4942-4954 4 JSPF SUCKER RODS: 1-2" X 3/4" pony rods, 100- 3/4" scrapered rods, 99- 3/4" plain 11-08-05 4916-4921 4 JSPF 20 holes rods, 10- 34" scrapered rods, 6-1 1/4" weight rods. 24 holes 11-09-05 4036-4042' 4 JSPF PUMP SIZE: 2-1/2" x 1-1/2" x 15" RHAC w/SM plunger STROKE LENGTH: 86" PUMP SPEED, SPM: 6 SPM EOT @ 5458° NEWFIELD PBTD @ 57581 SHOE @ 5803 Jonah Federal 16-14-9-16 TD @ 5800 657" FSL & 758" FEL SE/SE Section 14-T9S-R16E Duchesne Co. Utah

API #43-013-32698; Lease #UTU-96547

## Castle Peak Federal #7-23

Wellbore Diagram



API #43-013-30662; Lease #U-15855

**Analytical Laboratory Report for:** 

Chemical Services

**NEWFIELD PRODUCTION COMPANY** 

Account Representative: Arnold, Joe

# **Production Water Analysis**

Listed below please find water analysis report from: Johnson Water Line, JOHNSON STATION #2 **CHARGE PUMP** 

Lab Test No:

2006400226

Sample Date:

01/17/2006

Specific Gravity:

1.001

TDS: pH:

357

7.80

Cations:	mg/L	as:
Calcium	80.00	(Ca <sup>↔</sup> )
Magnesium	24.00	(Mg <sup>↔)</sup>
Sodium	Q	(Na <sup>*</sup> )
Iron	1.10	(Fe <sup>+</sup> )
Manganese	0.00	(Mn )
Aπions:	mg/L	as:
Bicarbonate	122	(HCO <sub>3</sub> )
Sulfate	95	(SO <sub>4</sub> )
Chloride	35	(CI)
Gases:		
Carbon Dioxide		(CO <sub>2</sub> )
Hydrogen Sulfide	0	(H <sub>2</sub> S)

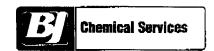
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NEWFIELD PRODUCTION

Lab Test No: 2006400226

COMPANY

# DownHole SAT<sup>™</sup> Scale Prediction @ 60 deg, F



Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bb/s)
Calcite (CaCO3)	1.01	.00108
Aragonite (CaCO3)	.876	0303
Witherite (BaCO3)	0	-4.93
Strontianite (SrCO3)	0	-1.54
Magnesite (MgCO3)	.202	693
Anhydrite (CaSO4)	.0236	-314
Gypsum (CaSO4*2H2O)	.0481	-228.43
Barite (BaSO4)	1 0	0267
Celestite (SrSO4)	0	-44.65
Silica (SiO2)	0	-32.86
Brucite (Mg(OH)2)	< 0.001	-1.05
Magnesium silicate	i o	-62.42
Siderite (FeCO3)	13.52	.215
Halite (NaCl)	0	-136333
Thenardite (Na2SO4)	Ò	-33648
Iron sulfide (FeS)	Ō	0114

Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

# **Analytical Laboratory Report for:**



### **NEWFIELD PRODUCTION COMPANY**

**Account Representative:** Arnold, Joe

# **Production Water Analysis**

Listed below please find water analysis report from: Run B, JONAH 15-14-9-16 TREATER

Lab Test No:

2006400438

Sample Date:

02/07/2006

Specific Gravity: 1.016

TDS: pH:

22868 10.00

Cations:	mg/L	as:	_
Calcium	20.00	(Ca <sup>↔</sup> )	
Magnesium	38.00	(Mg <sup>++</sup> )	
Sodium	8027	(Na <sup>*</sup> )	
iron	2.60	(Fe <sup>+</sup> )	
Manganese	0.10	(Mn**)	
Anions:	mg/L	as:	_
Bicarbonate	4880	(HCO, )	
Sulfate	700	(SO <sub>4</sub> ")	
Chloride	9200	(ClÎ)	
Gases:		<b>(</b> ,	
Carbon Dioxide		(CO <sub>2</sub> )	
Hydrogen Sulfide	38	(H <sub>2</sub> S)	

)age 4 of 6

**NEWFIELD PRODUCTION** 

Lab Test No: 2006400438

COMPANY

DownHole SAT<sup>™</sup> Scale Prediction @ 130 deg. F



Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO3)	33,71	7.9
Aragonite (CaCO3)	28.02	7.85
Witherite (BaCO3)	) O	503
Strontianite (SrCO3)	0	123
Magnesite (MgCO3)	74.24	18.62
Anhydrite (CaSO4)	.0064	-573.17
Gypsum (ČaSO4*2H2O)	.00554	-707.61
Barite (BaSO4)	0	111
Celestite (SrSÓ4)	0	-66.5
Silica (SiO2)	0	-80.59
Brucite (Mg(OH)2)	14.86	7.19
Magnesium silicate	l o	-129,91
Siderite (FeCO3)	104.32	.8800.
Halite (NaCi)	< 0.001	-193032
Thenardite (Na2SO4)	< 0.001	-57686
Iron sulfide (FeS)	588.67	.00178

#### Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

#### DownHole SAT(tm) MIXED WATER CHEMISTRY

tage 5 of 6

1) Johnson Water

2) Jonah 15-14-9-16

Report Date: 02-15-2006

CATIONS		ANIONS	
Calcium (as Ca)	125.00	Chloride (as Cl)	4829
Magnesium (as Mg)	127.50	Sulfate (as SO4)	397.50
Barium (as Ba)	0.00	Dissolved CO2 (as CO2)	3.48
Strontium (as Sr)	0.00	Bicarbonate (as HCO3)	181.05
Sodium (as Na)	4483	Carbonate (as CO3)	2101
Iron (as Fe)	1.85	H2S (as H2S)	19.00
Manganese (as Mn)	0.0500	·	

#### PARAMETERS

рН	10.12
Temperature (°F)	130.00
Density(g/mL)	1.00
Pressure (atm)	1.00
Calculated T.D.S.	12301
Molar Conductivity	13306

BJ Chemical Services Roosevelt, Utah

# DownHole SAT(tm) MIXED WATER DEPOSITION POTENTIAL INDICATORS

Page 656

1) Johnson Water

2) Jonah 15-14-9-16

Report Date: 02-15-2006

SATURATION LEVEL Calcite (CaCO3) 270.14 Aragonite (CaCO3) 224.58 Witherite (BaCO3) 0.00 Strontianite (SrCO3) 0.00 Magnesite (MgCO3) 307.35 Anhydrite (CaSO4) 0.0271 Gypsum (CaSO4*2H2O) 0.0236 Barite (BaSO4) 0.00 Magnesium silicate 0.00 Tron bydroxide (Fe(OH)3) 0.00200		MOMENTARY EXCESS (Lbs/1000 Calcite (CaCO3) Aragonite (CaCO3) Witherite (BaCO3) Strontianite (SrCO3) Magnesite (MgCO3) Anhydrite (CaSO4) Gypsum (CaSO4*2H2O) Barite (BaSO4) Magnesium silicate Iron hydroxide (Fe(OH)3)	Barrels) 40.95 40.92 -0.303 -0.0740 51.21 -475.04 -580.45 -0.126 -120.34 < 0.001		
<pre>Iron hydroxide (Fe(OH)3) Iron sulfide (FeS)</pre>	175.57				
SIMPLE INDICES Langelier Stiff Davis Index	4.25 4.36	BOUND IONS TOTAL Calcium 125.00 Barium 0.00 Carbonate 2101 Phosphate 0.00 Sulfate 397.50	47.28 0.00 394.21 0.00		

OPERATING CONDITIONS

Temperature (°F)

130.00

Time (mins)

3.00

BJ Chemical Services Roosevelt, Utah

#### Attachment "G"

# Jonah Federal #15-14-9-16 Proposed Maximum Injection Pressure

Frac I	nterval			Calculated Frac		
(fe	eet)	Avg. Depth	Depth ISIP Gradient			
Top	<b>Bottom</b>	(feet)	(psi)	(psi/ft)	Pmax	
4628	4643	4636	3700	1.23	3690	
4498	4508	4503	2100	0.90	2090	
4040	4068	4054	3450	1.29	3441	
3936	3942	3939	1900	0.92	1891	_
				Minimum	1891	<b>-</b>

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433\*1.005)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.005.

Frac Gradient = (ISIP +(0.433\*Top Perf.))/Top Perf.

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



Rigless

Day: 2

#### **DAILY COMPLETION REPORT**

Report Date:

6-2-05

Rig:

Jonah Fed 15-14-9-16

**WELL NAME:** 

SPF/#shots	: Rigless	Rig:			Completion	ration:	Ohe
			TATUS	WEL			
	Csg PBTD:	@5902'	5-1/2" @	Prod Cs	314'	8-5/8	Surf Csg:
SPF/#shots	BP/Sand PBTD:	г @:	Pkr/EOT	Grd:	Wt:	Size:	Tbg:
SPF/#shots			ON RECORD	PERFOR			
	<u>Perfs</u>	<u>e</u>	Zone	SPF/#shots	<u>Perfs</u>		Zone
			\$1.00 P.			-	
				-			
				4/60	28-4643'		C sds
		ONS	AL OPERATIO	CHRONOLOG			
: <u>0 psi</u>	P:SICP:	SITP:		Jun-05	ed: <u>01-</u>	( Perfo	Date Worl
	of sand in perfs. IS Leave pressure on	screen out). Le	f place due to s	cover stage #2 (Or s EWTR. SIFN.	5% HCL acid to	bbls of	Pumped 5
		-	VERY (BBLS)  ng oil rec to date		be recovered:	id load	Starting flu
			st/recovered toda	<del></del>			Fluid lost/r
	<b>P</b> * I		oil recovered:			d to be	Ending flui
oil cut:		Final Fluid Rate:	F	FTP: Cho	L:		IFL:
<b>#420</b>	COSTS	\\\4l-			STIMULATIO		
\$130	therford BOP		d frac	Job Type: S	ightning 17	-	Base Fluid
\$21,994 \$980	vices (C sds)			0 - 4	Services		Company:
	wtr & trucking			<u>C sds</u>			Procedure
\$128	NPC fuel gas					gals o	
\$300	C Supervisor	NPC	3000 gals W/ 1-5 ppg of 20/40 sand				
			· · · · · · · · · · · · · · · · · · ·				
				sand			
		**************************************					
		·	op perf)				***************************************
		VEX. 100 TO 100					
	COST			· · · · · · · · · · · · · · · · · · ·			
\$23,532			I G. IVA		**************************************		
	COST:	DAILY O	using!! 427 bbls	sand h (1596 gals short	38 bbls short of in formation 8 ax Rate: 24.9 B yg Rate: 24.5 B	gals of gals of gals of gals of eened of 47,556# : 3000 : 2180 : 3700	210 2814 Scre Est Max TP Avg TP

Day: 3(a)



# DAILY COMPLETION REPORT

Jonah Fed 15-14-9-16

**WELL NAME:** 

Report Date: 6-3-05

Ope	ration:	Completion				Rig	g: Rigle	SS
				WELL S	TATUS_			
Surf Csg:	8-5/8	@ 314'		Prod Csg:	5-1/2"	@ 5902'	Csg PE	STD: <u>5719'WL</u>
Tbg:	Size:	Wt:	G	rd:	Pkr/EOT	@:	BP/Sand PE	BTD: 4560'
			PE	RFORATIO	N RECORD			
Zone		<u>Perfs</u>	SPF/#si	not <u>s</u>	Zone		<u>Perfs</u>	SPF/#shots
			***************************************					
D1		4498- 4508'	4/40					
C sds		4628-4643'	4/60		-	<del></del>		,
			CHRO	NOLOGICA	L OPERATIO	NS		
Date Wor	k Perfo	rmed: 02	-Jun-05			SIT	P:S	ICP: 250 psi
Pumped 5	5 bbls of	down @ 3900 ps 15% HCL acid to	cover stage	#3. Leave	oressure on w	ell. 1099 bbl	s EWTR. See D	ay 3(b).
			FL	UID RECO	VERY (BBLS)			
		to be recovered:	566		g oil rec to dat			
Fluid lost/		***************************************	533 1099		t/recovered too il recovered:	ıay:		
IFL:		recovered:	FTP:	Choke:		Final Fluid Ra	ate:I	Final oil cut:
			ION DETAIL				COSTS	<u> </u>
Base Fluid	d used:		Job Type:		l frac	We	eatherford BOP	\$45
Company		BJ Services	- <del></del>			BJ Ser	vices (D1 sds)	\$16,226
Procedure	e or Equ	ipment detail:		<u>D1 sds</u>		Bett	s wtr & trucking	\$1,133
							NPC fuel gas	\$148
540	00 gals	of pad				Bla	ack Warrior WL	\$4,240
		W/ 1-5 ppg of 20/	40 sand				NPC Supervisor	\$100
7250 gals W/ 5-8 ppg of 20/40 sand						Weathe	erford tools/serv	\$2,565
171	14 gals	W/ 8 ppg of 20/40	) sand					
210	gals o	f 15% HCL acid				,		And the second s
420	00 gals	of slick water flu	sh					and the second s
Max T	P: 1837	Max Rate: 25	BPM Total f	luid pmpd:	533 bbls			
	P: 1589			-	69,795#			
_	P: 2100	-	10 min:	pageralariament 100 TFT	FG: <u>.90</u>		Y COST:	\$24,45
Com	pletion	Supervisor: (	Orson Barne	у		TOTA	L WELL COST:	\$342,33



page 3 of 4

# DAILY COMPLETION REPORT

WELL N	NAME:	Jonah Fed 15	-14-9-16	Report Date:	6-3-05		Day: <u>3(b)</u>
	ration:	Completion			Rig:	Rigless	
			WE	L STATUS			
Surf Csg:	8-5/8' @	g 314'	Prod C	sg: 5-1/2"	@ <u>5902'</u>	Csg PBTD:	5719'WL
Tbg:	Size:	Wt:	Grd:	Pkr/EC	OT @:	BP/Sand PBTD:	4170'
			DEBEOE	ATION DECORE		· •	4560'
7		Perfs	SPF/#shots	ATION RECORD Zor		Perfs	SPF/#shots
Zone GB2	- 39	36- 42'	4/24	GB6	4064		4/16
GB4		91- 95'	4/16	D1		- 4508'	4/40
GB6	40	40- 46'	4/24	C sds	4628	-4643'	4/60
			CHRONOLO	GICAL OPERAT	IONS		
Date Wor	k Perform	red: 02-J	un-05		SITP:	SICP:	1332 psi
place due 168 BTF(1 RIH w/ 5 1 4 SPF for a	to screen of 4% of total /2" composi a total of 40	6# of sand in pipe, 2 ut). RD BJ Services frac load). RU WL. ite flow through plug holes. Dump bail 8	s. Begin immediate RIH w/ 18' dummy , 6' & 4' perf gun. S gals of acid. RD E	eflowback on 12/64 gun. Tagged sand Set plug @ 4030'. F	choke @ 1 BPM. I @ 4092'. LD dum Perforate GB4 sds: .eave pressure on v	Flowed for 2 1/2 nr nmy gun. Let sand : 3991- 95', GB2 sds	s & died. Rec settle for 2 hrs : 3936- 42'. A
_	recovered/		07 C	il lost/recovered t	oday:		
_	uid to be re			um oil recovered:		. Final	oil cut:
IFL:	F	FL: F	TP:Ch	oke:	Final Fluid Rate		On cut
		STIMULATIO				<u>COSTS</u>	\$45
Base Flui			Job Type:	Sand frac		herford BOP vices (GB6)	\$9,702
Company		I Services	CDC	- da		rtr & trucking	\$1,133
Proce <u>dur</u>	e or Equipr	nent detail:	GB6	sus		NPC fuel gas	\$148
						Varrior (GB6)	\$4,240
	00 gals of					C Supervisor	\$100
		1-5 ppg of 20/40			-		\$2,450
3671 gals W/ 5-8 ppg of 20/40 sand						Weatherford tools/serv  Betts wtr transfer	
		5% HCL acid		-			\$300 \$300
3381 gals of slick water flush						NPC trucking	
		ut 11 bbls short			Black Wa	rrior (GB2,4)	\$5,240
		and in pipe, 25,4			· · · · · · · · · · · · · · · · · · ·		
	P: <u>2447</u> I	www	PM Total fluid pr				
_		Avg Rate: 24.6 B			DAILY	COST:	\$23,65
	IP: <u>3450</u>	5 min:	10 min:	FG: NA	***	VELL COST:	\$365,99
Com	pletion Su	pervisor: Or:	son Barney		IOIAL	*LLL 0001	Ψ000,00



page 4 of 4

#### **DAILY COMPLETION REPORT**

WELL NAME:		Jonan Fed 15-	14-9-10	Keport Date			Day. 4	
Operation:		Completion			Rig:	Rigless	A CONTRACTOR OF THE STATE OF TH	
			WELL S	TATUS				
Surf Csg:	8-5/8' @	314'	Prod Csg:	5-1/2" @	5902'	Csg PBTD:	5719'WL	
Tbg:	Size:	Wt:	Grd:	Pkr/EOT @:		BP/Sand PBTD:	4030'	
. Dg.				-		417	70', 4560'	
			PERFORATION	ON RECORD		<del></del>		
Zone		<u>Perfs</u>	SPF/#shots	Zone		<u>Perfs</u>	SPF/#shots	
GB2	3936	6- <del>42'</del>	4/24	GB6	4064-	· 68 <b>'</b>	4/16	
GB4		l- 95'	4/16	D1	4498-	4508'	4/40	
GB6		)- 46'	4/24	C sds	4628-	4643'	4/60	
			CHRONOLOGICA	L OPERATIONS				
Date Wor	k Performed	d: <u>06-Ju</u>	ın-05		SITP:	SICP:	90 psi	

90 psi on well. RU BJ Service & Frac stage #4, GB2 & 4 sds w/ 29,409# of 20/40 sand in 300 bbls of Lightning 17 fluid. Broke down @ 2056 psi. Treated w/ ave pressure of 1930 psi @ ave rate of 24.4 BPM. ISIP 1900 psi. RD BJ Services. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 1 hr & 45 mins & died. Rec. 108 BTF(36% of frac load). SIWFN w/ est 1398 BWTR.

0

		FLL	JID RECOVERY (BBL	<u>S)</u>	
Starting fluid load	to be recovered:	1206	Starting oil rec to d	late:	
Fluid lost/recover	ed today:	192		oday:	
Ending fluid to be	e recovered:	1398	Cum oil recevered:	the state of the s	
IFL:	_ FFL:	F7":	Choke:	Final Fluic Rate:	inal city of the second
	<b>ST</b> (M4.	TION DETAIL	Anna American	<u>( )                                   </u>	
Base Fluid used:	Lightning 17	Job Type:	Sand frac	Weatherford BCP	÷.00
	BJ Services		***	BJ Services (GB2,4)	\$6,593
Procedure or Equ	ipment detail:	 G	B2 & 4 sds	Betts wtr & trucking	\$490
	o get crosslink.	***		NPC fuel gas	\$64
2400 gals				Zubiate hot oil	<u>\$150</u>
	W/ 1-5 ppg of 20	/40 sand		NPC Supervisor	\$300
	W/ 5-8 ppg of 20			Weatherford tools/serv	\$2,450
	of slick water flu			Betts wtr transfer	\$300
				LCL propane	\$150
- 44.0		- 177.11 M 197.11 - 77.11 - 197.11	,		
			- The second sec		
Max TP: 2020	) Max Rate: 24.6	BPM Total flo	uid pmpd: 300 bbls		
	) Avg Rate: 24.4				
ISIP: 1900		10 min:	FG: .91	DAILY COST:	\$10,627
		Orson Barney		TOTAL WELL COST:	\$376,619

## ATTACHMENT H

# WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 3841'.
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class G cement.
3.	Plug #2	Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4.		RU perforators and perforate 4 JSPF @ 364'.
5.	Plug #3	Circulate 114 sx Class G cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus to surface.

The approximate cost to plug and abandon this well is \$33,025.

Attachment H-1

## Jonah Federal 15-14-9-16

Spud Date: 5-4-05 Put on Production: 6-10-05 GL: 5631' KB: 5643'

Jonah Federal 15-14-9-16

610° FSL & 2096° FEL SW/SE Section 14-T9S-R16E

Duchesne Co, Utah API #43-013-32689; Lease #UTU-096547 Proposed P&A Wellbore Diagram Initial Production: BOPD 42, MCFD 13. BWPD 161

Circulate 114 sx Class G Cement down 5-1/2" casing and up the SURFACE CASING CSG SIZE: 8-5/8" Casing Shoe @ 314 GRADE: J-55 WEIGHT: 24# Perforate 4 JSPF @ 364' LENGTH: 7 jts. (302-46') Cement top @ 410° DEPTH LANDED: 314.31' KB HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 139 jts. (5888.88°) DEPTH LANDED:5902.13' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ. 200' Balanced Plug (25 sx) Class G Cernent over water CEMENT TOP AT: 410' zone 2000' - 2200' 100' (12 sx) Class G Cement plug on top of CIBP CIBP @ 3841' 3936'-3942' 3991'-3995' 4040'-4046' 4064'-4068' 4498`-4508` 46281-46431 NEWFIELD PBTD @ 57681

SHOE @ 5902

TD @ 5910

# NOTICE OF AGENCY ACTION CAUSE NO. UIC 331

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF Newfield Production Company FOR ADMINISTRATIVE APPROVAL OF THE South Wells Draw 13-3-9-16, South Wells Draw 11-3-9-16, Jonah Federal 15-12-9-16, Jonah Federal 15-14-9-16, Jonah Federal 13-14-9-16, Jonah Federal 15-14-9-16, Jonah Federal 15-14-9-16, Jonah Federal 9-15-9-16, Jonah 5-14-9-16, Jonah 7-14-9-16 WELLS LOCATED IN SECTIONS 3, 12, 14, & 15, TOWNSHIP 9 South, RANGE 16 East, Duchesne COUNTY, UTAH, AS A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the South Wells Draw 13-3-9-16, South Wells Draw 11-3-9-16, Jonah Federal 15-12-9-16, Jonah Federal 9-14-9-16, Jonah Federal 11-14-9-16, Jonah Federal 13-14-9-16, Jonah Federal 15-14-9-16, Jonah Federal 9-15-9-16, Jonah 5-14-9-16, Jonah 7-14-9-16 wells, located in Sections 3, 12, 14, 15, Township 9 South, Range 16 East, Duchesne County, Utah, for conversion to a Class II injection well. The adjudicative proceeding will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is Gil Hunt, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of May, 2006. STATE OF UTAH DIVISION OF OIL, GAS & MINING Gil Hunt Associate Director

Published in the Uintah Basin Standard May 16, 2006.



#### State of Utah

#### Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > August 29, 2006

Newfield Production Company 410 Seventeenth Street, Suite 700 Denver, Colorado 80202

Re: Jonah Unit Well: Jonah Federal 15-14-9-16, Section 14,

Township 9 South, Range 16 East, SLBM, Duchesne County, Utah

#### Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

StifFLA

Gil Hunt

Associate Director, Oil & Gas

cc: Dan Jackson, Environmental Protection Agency Bureau of Land Management, Vernal Newfield Production Company, Myton

### STATE OF UTAH

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 435.646.3721 MONUMENT BUTTE		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-096547				
Do not use this form for progressly to drill new vells, significantly deepen existing wells below control found form.  TYPE OF WILL  OIL WELL GO AS WELL GOAN FROMT TO DRILL from for such proposals.  NAME OF OFERATOR  ADMINISTRATE AND EXECUTION COMPANY  ADMISS OF OFERATOR  NEW PIELD PRODUCTION COMPANY  ADMISS OF OFERATOR  ROUG 3 Box 3630  CITY Myton STATE UT 29 84052 435.646.3721  ORACITES BOX 3630  CITY Myton STATE UT 29 84052 435.646.3721  MONUMENT BUTTE  FOOTAGES A TERPLATE 610 FSL 2006 FEL  OTROTE, SECTION TOWNSHIP RANCE MERIDIAN SWSE, 14, TYS, RIGE  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF ACTION  ADMINISTRATE AND GOAN STATE UT 20 84052  ASSISTANT AND GOAN STATE UT 20 84052  APPRILL REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  APPRILL REPORT GOAN STATE UT S	SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
1. TYPE OF WILL  1. TYPE OF WILL  2. NAME OF OFFICE AND COMPANY  3. NAME OFFICE AND C	Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged					
2. NAME OF OPERATOR.  NEW RELL D'RODULCTION COMPANY  ANY INDRESS OF PRATOR  NEW RELL D'RODULCTION COMPANY  AVISIONES STATE UT ZU 84052 PRIONE NUMBER  LOCATION OF WALL  FOOTAGES AT SURVAILE.  TYPE OF ACTION  ACIDIZE  IN TOTAGE OF INTENT  GAMES DEPENDENT CASING  APPRODUCTION OF WALL  APPRODUCTION TOWNSHIP LANGE MERIDIAN. SWISE, 14, TDS, R16E  TYPE OF ACTION  TYPE OF ACTION  IN TOTAGE OF INTENT  GAMES DEPENDENT CASING PRATOR TRANSAILE.  APPRODUCTION OF TRANSAILE.  APPRODUCTION OF PRACTICE. TRATE  CASING REPAIR  CHANGE TO PREVIOUS FLANS  TO PRE		l laterals. Use APPLICATION FOR PERMIT	TO DRILL form for su	ch proposals.		
2. NAME OF OPERATOR  NEWFIELD PRODUCTION COMPANY  4.4013325869  4.401332	1. TYPE OF WELL: OIL WELL	GAS WELL OTHER			JONAH FEDERAL 15-14-9-16	
ADBESS OF OPERATOR   PRIONE NUMBER   19 FELD ASP POLOCE WILLOCAT   MONUMENT BUTTE				· · · · · · · · · · · · · · · · · · ·		
3) ADDRESS OF GREATOR  ROURS 3 Bas, \$50.0  CITY MYSON STATE UT ZP \$40.52  4 10.CATON OF WELL  PROTAGES AT SURVACE: 610 FSL 2096 FEL  COTROTA SECTION TOWNSHIP RANKE MERIDAN SWSE, 14, TOS. R166  31 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  ACIDIZE  APPRIAMATION  ACIDIZE  APPRIAMATION  ACIDIZE  APPRIAMATION  ACIDIZE  APPRIAMATION  ACIDIZE  APPRIAMATION  ACIDIZE  APPRIAMATION  ACIDIZE  CHANGE TO PREVIOUS PLANS  CHANGE FURING  CHANGE TURNO  CHANGE TURNO  CHANGE FURING  CHANGE WELL STATUS  COMMINISTED OF SUBMISSION  TEMPORARITY ABANDON  VENTOR RLAIR  WATER DISTORAL  WATER DISTORAL  TO SHEEL STATUS  CHANGE WELL STATUS  COMMINISTED OF WATER SHIFTORY  COMMINISTED OF WELL STATUS  COMMINISTED OF WATER SHIFTORY  TO SHEEL SHIFTORY  WATER SHIFTORY  WATER SHIFTORY  COMMINISTED OF WELL STATUS  CO		PANY			4301332689	
Approximate data work will    SUSSECTION TOWNSER RANGE MERIDIAN SWSE, 14, 79S, R16E	3. ADDRESS OF OPERATOR:	TANA		PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:	
TOTACES AT SURFACE 610 FSL 2096 FELL  OTHOR'S SECTION TOWNSHIP RANGE MERIDIAN SWSE, 14, TOS, R16E  STATE UT  THE CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION    ACTIOZE		Y Myton STATE UT	ZIP 84052	435.646.3721	MONUMENT BUTTE	
TYPE OF SUBMISSION    NOTICE OF INTENT   ACIDIZE   DEEPEN   REPREFORATE CURRENT FORMATION	4. LOCATION OF WELL: FOOTAGES AT SURFACE: 610 FSL 20	96 FEL			COUNTY: DUCHESNE	
TYPE OF SUBMISSION    ACIDIZE	OTR/OTR. SECTION. TOWNSHIP. RANGE.	MERIDIAN: SWSE, 14, T9S, R16E			STATE: UT	
TYPE OF SUBMISSION  TYPE OF ACTION    NOTICE OF INTENT	CHECK APPROF	PRIATE BOXES TO INDICA	ATE NATURE	OF NOTICE, REF	PORT, OR OTHER DATA	
NOTICE OF INTENT (Submit in Deplicate)  Approximate date work will  Approximate date work will  Change Tubing	TYPE OF SUBMISSION		TY	PE OF ACTION		
NOTICE OF INTENT (Submit Duplicide)   ALTER CASING   FRACTURE TREAT   SIDETRACK TO REPAIR WELL APPROXIMATE DUPLICATION   TEMPORABITLY ABANDON   TEMPORABITLY		ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION	
Approximate date work will    CASING REPAIR   NEW CONSTRUCTION   TEMPORARTILY ABANDON		1=	FRACTURE	TREAT	SIDETRACK TO REPAIR WELL	
Approximate date work will CASING ETO PREVIOUS PLANS OFERATOR CHANGE TO TREATOR CHANGE TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR PLAIR SUBSECUENT REPORT (Submit Original Form Only) CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL NAME PRODUCTION (START/STOP) WATER SHUT-OFF Date of WAC Completion:  11/02/2006 COMMUNITY PER COMMUNITY PRODUCTION OF RECLAMATION OF WELL SITE OTHER:  This well was converted from a producing oil well to an injection well on 11/2/06. On 11/13/06 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test 11/15/06. On 11/15/06 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was not a State representative available to witness the test.  API# 43-013-32689  NAME (PLEASE PRINT). Callie Ross  TITLE Production Clerk  PLUG BACK WATER DISPOSAL WATER DI	(Submit in Duplicate)				TEMPORARITLY ABANDON	
SUBSEQUENT REPORT (Submit Diginal Form Only) Date of Work Completion:    CHANGE WELL NAME	Approximate date work will	I <u></u>				
SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:    CHANGE WELL STATUS   PRODUCTION (STARTISTOP)   WATER SHUT-OFF			<u> </u>			
SUBSEQUENT REPORT   Common form only   CHANGE WELL STATUS   PRODUCTION (START/STOP)   WATER SHUT-OFF   COMMONGLE PRODUCING FORMATION   RECLAMATION OF WELL SITE   OTHER: -   COMMONGLE PRODUCING FORMATION   RECLAMATION OF WELL SITE   OTHER: -   COMMONGLE PRODUCING FORMATION   RECLAMATION OF WELL SITE   OTHER: -   COMMONGLE PRODUCING FORMATION   RECLAMATION OF WELL SITE   OTHER: -   COMMONGLE PRODUCING FORMATION   RECLAMATION OF WELL SITE   OTHER: -   COMMONGLE PRODUCING FORMATION   RECLAMATION OF WELL SITE   OTHER: -   COMMONGLE PRODUCING FORMATION   RECLAMATION OF WELL SITE   OTHER: -   COMMONGLE PRODUCING FORMATION   RECLAMATION OF WELL SITE   OTHER: -   OTHER:		L CHANGE TUBING	PLUG AND	ABANDON	<u> </u>	
Date of Work Completion:    COMMINGLE PRODUCING FORMATION   RECLAMATION OF WELL SITE   OTHER   11/02/2006   X CONVERT WELL TYPE   RECOMPLETE - DIFFERENT FORMATION	BODOZOODIII ICI	CHANGE WELL NAME	L PLUG BACE	(	WATER DISPOSAL	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  This well was converted from a producing oil well to an injection well on 11/2/06. On 11/13/06 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test 11/15/06. On 11/15/06 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was not a State representative available to witness the test.  API# 43-013-32689  NAME (PLEASE PRINT). Callie Ross  TITLE Production Clerk	(Submit Original Form Only)	X CHANGE WELL STATUS	PRODUCTIO	ON (START/STOP)	WATER SHUT-OFF	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  This well was converted from a producing oil well to an injection well on 11/2/06. On 11/13/06 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test 11/15/06. On 11/15/06 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was not a State representative available to witness the test.  API# 43-013-32689  NAME (PLEASE PRINT) Callic Ross  TITLE Production Clerk	Date of Work Completion:	COMMINGLE PRODUCING FORMATION	IS RECLAMAT	TON OF WELL SITE	OTHER: -	
This well was converted from a producing oil well to an injection well on 11/2/06. On 11/13/06 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test 11/15/06. On 11/15/06 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was not a State representative available to witness the test.  API# 43-013-32689  NAME (PLEASE PRINT) Callie Ross  TITLE Production Clerk	11/02/2006	X CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATIO	N	
(DOGM) was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test 11/15/06. On 11/15/06 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was not a State representative available to witness the test.  API# 43-013-32689  NAME (PLEASE PRINT) Callie Ross  TITLE Production Clerk	12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly sh	ow all pertinent detai	Is including dates, depths	s, volumes, etc.	
NAME (PLEASE PRINT) Carrie Ross	This well was converted from a producing oil well to an injection well on 11/2/06. On 11/13/06 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test 11/15/06. On 11/15/06 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was not a State representative available to witness the test.					
DATE 11/21/2006	NAME (PLEASE PRINT) Callie Ross			TITLE Production Cler	k	
	Can - 12	off		DATE11/21/2006		

(This space for State use only)



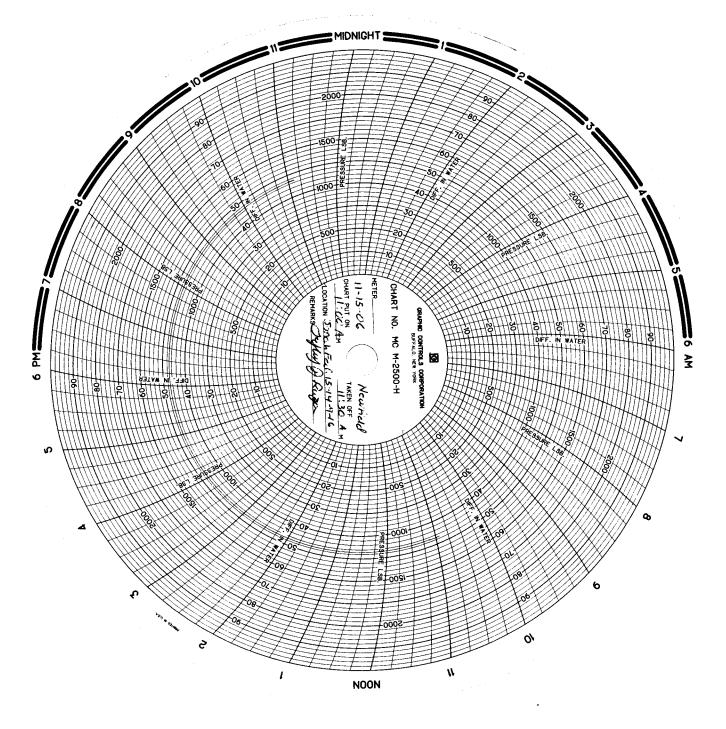
# Casing or Annulus Pressure Test

**Inland Production Company** Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Date 11 15106 Time 11:00 (am) p.
Field: MONUMENT BUTTE
API No: 43-013-32689

Time	Casing Pressure	
0 min	1260	psig
5	1260	psig
10	1260	psig
15	1260	psig
20	1260	psig
25	1260	psig
30 min	1260	psig
35	· .	psig
40		psig
45		psig
50		psig
55		psig
60 min		psig
Tubing pressure:	650	psig
Result:	Pass F	ail

Signature of	f Witness:	
Sig	eature of Person Conducting Test: July 6 Parse	_





#### State of Utah

#### Department of Natural Resources

MICHAEL R. STYLER Executive Director

# Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

### UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-331

Operator: Newfield Production Company

Well: Jonah 15-14-9-16

Location: Section 14, Township 9 South, Range 16 East

County: Duchesne

**API No.:** 43-013-32689

Well Type: Enhanced Recovery (waterflood)

#### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 29, 2006.

2. Maximum Allowable Injection Pressure: 1,891 psig

3. Maximum Allowable Injection Rate: (restricted by pressure limitation)

4. Injection Interval: Green River Formation (3,788' - 5,757')

Approved by:

Gil Hunt

Date

Associate Director

mf

CC: Dan Jackson Environmental Protection Agency
Bureau of Land Management, Vernal
Newfield Production Company, Myton

FORM 3160-5 (September 2001)

# DEPARTMENT OF THE INTERIOR

FORM APPROVED **UNITED STATES BUREAU OF LAND MANAGEMENT** Lease Serial No.

OMB No. 1	
Expires Janua	ary 31,2004
0 1.137	

SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					USA UTU-096547		
					ottee or Tribe Name.		
Section Street Contract	to the bound of the contraction of the contraction	edealer, and has had not read to		7. If Unit or CA	/Agreement, Name and/or		
1. Toward Wall	and the second of the second o	a could am a color half of my	and Seedle of the Seedle	JONAH UNIT	Γ		
1. Type of Well  Oil Well  Gas Well	Other			8. Well Name at	nd No.		
2. Name of Operator				JONAH FEI	DERAL 15-14-9-16		
NEWFIELD PRODUCTION CO			• •	9. API Well No.			
3a. Address Route 3 Box 3630	[3b.	Phone (include are co	de)	4301332689	al or Evaloratory Area		
Myton, UT 84052  4. Location of Well (Footage, 1	Sec., T., R., M., or Survey Description	435.646.3721		MONUMENT	ol, or Exploratory Area		
610 FSL 2096 FEL	Sec., 1., N., M., or Survey Description,	,		11. County or Pa			
SWSE Section 14 T9S R16E				DUCHESNE,	UT		
12. CHECK	APPROPRIATE BOX(ES) 7	O INIDICATE NATU	URE OF N	OTICE, OR O	THER DATA		
TYPE OF SUBMISSION		TYPE O	F ACTION				
☐ Notice of Intent	Acidize	Deepen	Productio	n(Start/Resume)	■ Water Shut-Off		
Notice of Intent	Alter Casing	Fracture Treat	Reclamati		Well Integrity		
Subsequent Report	Casing Repair	New Construction	Recomple		Other Det Wall		
Final Abandonment	Change Plans	Plug & Abandon	Temporar  Water Dis	ily Abandon	Change Status, Put Well on Injection		
	Convert to  peration (clearly state all pertinent details, in	Plug Back		•			
	ell was put on injection at 1:00						
I hereby certify that the foregoing is	s true and	Title					
correct (Printed/ Typed)		Regulatory Special	list				
Mandie Crozier Signature	7	Date					
Il lande	01/02/2007						
	an and symplectical and	istoria producti i kayd					
		Trial -			ote		
Approved by	ed. Approval of this notice does not warra	Title			ate		
	quitable title to those rights in the subject le						
	3 U.S.C. Section 1212, make it a crime for	any person knowingly and willf	fully to make to	any department or a	gency of the United		

(Instructions on reverse)

States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

Sundry Number: 19496 API Well Number: 43013326890000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9
		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-096547	
SUNDI	WELLS	5. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	sals to drill new wells, significantly deepen exist ugged wells, or to drill horizontal laterals. Use Al	PPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well			3. WELL NAME and NUMBER: JONAH FED 15-14-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM	1PANY		<b>API NUMBER:</b> 43013326890000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84	<b>PHONE NU</b> 4052 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0610 FSL 2096 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSE Section: 14	IP, RANGE, MERIDIAN: - Township: 09.0S Range: 16.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE NA	ATURE OF NOTICE, REPORT, O	R OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
On 10/05/2011 Der concerning the 5 Yea was pressured up to loss. The well was no	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF	n DOGM was contacted n 10/12/2011 the casing nutes with no pressure ubing pressure was 1790	Accepted by the Utah Division of Oil, Gas and Mining
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Lucy Chavez-Naupoto  SIGNATURE	435 646-4874	Water Services Technician  DATE	
N/A	,	10/14/2011	

Sundry Number: 19496 API Well Number: 43013326890000

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness:	Date /6//2 / //	Time 9:00 ampm
Test Conducted by: Dave Clo		<u>7,00</u>
Others Present:	WAKU	
Well: JONAH FEDERAL 15-14-9-16		ALFEDERAL 15-14-9-16 NY, UTAL UTU 87538X
Well Location: JONAL FEDERAL 15	-14-9-16 API No:	
SW/SE SEC. 14, T95, R16E		-013-32689
30/31-326.14,193,110	V1114001	
<u>Time</u>	Casing Pressure	
111110		
0 min	1120	psig
5	1120	psig
10	1/20	psig
15	/120	psig
20	(120	psig
25	//20	psig
30 min	1120	psig
35		psig
40		psig
45		psig
50 55		psig psig
60 min		psig
00 min		<sup>6</sup> baið
Tubing pressure:	1796	psig
Result:	Pass F	ail
Signature of Witness:		
Signature of Person Condu	cting Test: David	Cloward

Sundry Number: 19496 API Well Number: 43013326890000 =MIDNIGHT CHART NO. MP-2500-24HR 50 - DISC NO. CHART PUT NO TIME 9:004 M DATE 10-18-11 TAKEN OFF LOCATION TOWAR FELICAL ME 2304 M REMARKS 15-14-9-16 3 NOON 6 11 Or

## Jonah Federal 15-14-9-16

Spud Date: 5-4-05

Put on Production: 6-10-05 Injection Wellbore MCFD 13, BWPD 161 Diagram GL: 5631' KB: 5643' FRAC JOB 4628-4643 Frac C sand as follows: 17 frac fluid. Treated (a avg press of2180 psi w/avg rate of 24.5 BPM. ISIP 3700 psi. SURFACE CASING CSG SIZE: 8-5/8" Screened out short of flush. GRADE: J-55 6-2-05 4498-4508 Frac D1 sand as follows: 69.795#'s 20:40 sand in 533 bbls Lightning 17 frac fluid. Treated @ avg press of 1589 psi WEIGHT: 24# LENGTH: 7 jts. (302-46") w/avg rate of 24.7 BPM. ISIP 2100 psr. Calc flush: 4496 gal. Actual flush: 4200 gal. DEPTH LANDED, 314.31° KB Cement top (a 410) 6-2-05 4040-4068 FracGB6 sand as follows: HOLE SIZE 12-1-4" 28,1554's 20/40 sand in 275 bbls Lightning 17 frac fluid Treated & avg press of 2233 psi w/avg rate of 24.6 BPM. ISIP 3450 psi. CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. Screened out short of flush. Frac GB2 & GB4 sand as follows: 6-6-65 3936-3942 PRODUCTION CASING 29,409#'s 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated a avg press of 1930 psi w/avg rate of 24.4 BPM. ISIP 1900 psi. Cale flush: 3934 gal. Actual flush: 3881 gal. CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# 11/2/06 Well converted to an Injection well. LENGTH: 139 jts. (5888.88°) 11/21/06 MIT completed and submitted. DEPTH LANDED:5902-13" KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Life II & 400 sxs 50/50 POZ. CEMENT TOP AT: 410 SIZE GRADE/WT .: 2-7/8" / J-55 NO. OF JOINTS: 116 jts (3877.64') SEATING NIPPLE: 2-7-8" (1-10") SN LANDED AT: 3889 64 KB EOT a 3898 TOTAL STRING LENGTH: EOT @ 3898.24' KB 39361,3942 39911-3995 4040\*-4046 4064\*-4068 PERFORATION RECORD 5-25-05 4628-4643 4 ISPF 60 holes 6-2-05 4498-4508\* 4 JSPF 6-2-05 4040-4046 4 JSPF 24 holes 6-2-05 4064-4068 4 ISPF 16 holes 4498'-4508' 6-2-05 3991-3995\* 4 JSPF 16 holes 3936-3942" 4 JSPF 24 holes 4628 -4643 NEWFIELD PRTD or 5768 Jonah Federal 15-14-9-16 SHOE @ 5902 610' FSL & 2096' FEL SW/SE Section 14-T9S-R16E TD @ 5910 Duchesne Co, Utah API #43-013-32689; Lease #UTU-096547

Initial Production: BOPD 42,

Sundry Number: 74501 API Well Number: 43013326890000

			FORM 9		
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	.0			
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-096547				
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	posals to drill new wells, significantly d reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)		
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: JONAH FED 15-14-9-16		
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43013326890000		
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0610 FSL 2096 FEL			COUNTY: DUCHESNE		
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 14 Township: 09.0S Range: 16.0E Meridia	nn: S	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE [	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEDEN [	FRACTURE TREAT	NEW CONSTRUCTION		
9/15/2016		¬			
	DERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK		
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION		
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	L TEMPORARY ABANDON		
DRILLING REPORT	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
	WILDCAT WELL DETERMINATION	OTHER	OTHER: 5 YR MIT		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  On 09/09/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 09/15/2016 the casing was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 744 psig during the test. There was a State representative available to witness the test - Amy Doebele.  NAME (PLEASE PRINT)  PHONE NUMBER TITLE					
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	<b>PHONE NUMBE</b> 435 646-4874	R TITLE Water Services Technician			
SIGNATURE N/A		<b>DATE</b> 9/19/2016			

Sundry Number: 74501 API Well Number: 43013326890000

# Mechanical Integrity Test Casing or Annulus Pressure Test

## Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

am pm

Witness:	ebolo John	Date 9115-116	Time /208
Well: 15-14-9-16 Well Location: Sw/se	Sec. 14 T	Field: Greens Fi	2752 MONUMENT B UNIT 013-32689
	Time 0 min	Casing Pressure	psig
	5	1200	psig
	10	12-00	psig
	15	1200	psig
	20		psig
	25		psig
	30 min		psig
	35	-	psig
	40		psig
	45		psig
	50		psig
	55		psig
	60 min		psig
Tubing	pressure:	609 - 744	psig
Re	esult: (	Pass	ail
Signature of Witness: Signature of Per		y Jekole	

Sundry Number: 74501 API Well Number: 43013326890000 -1500 -500 CHART POOL
PORTAGE, INDIANAUS CHART NO. MP- 2500 METER \_\_ TAKEN OFF CHART PUT ON Joseph 05/1--2000